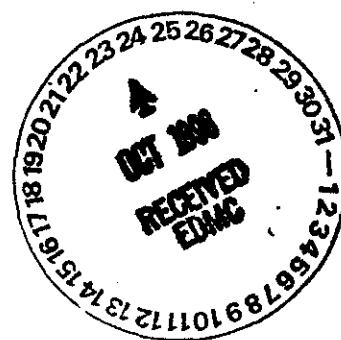


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DOE/RL-95-82
Revision 2

Inventory of Miscellaneous Streams



United States
Department of Energy
Richland, Washington

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Inventory of Miscellaneous Streams

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1.0 INTRODUCTION

On December 23, 1991, the U.S. Department of Energy, Richland Operations Office (DOE-RL) and the Washington State Department of Ecology (Ecology) agreed to adhere to the provisions of the Department of Ecology Consent Order No. DE 91NM-177 (Consent Order) (Ecology and DOE 1991). The Consent Order lists the regulatory milestones for liquid effluent streams at the Hanford Site to comply with the permitting requirements of Washington Administrative Code (WAC) 173-216 (*State Waste Discharge Permit Program*) or WAC 173-218 (*Washington Underground Injection Control Program*) where applicable.

DOE-RL provided the U.S Congress a plan and schedule to discontinue disposal of contaminated liquid effluent into the soil column on the Hanford Site (DOE 1987). The plan and schedule document contained a strategy for the implementation of alternative treatment and disposal systems. This strategy included prioritizing the streams into two phases. The Phase I streams were considered to be higher priority than the Phase II streams. The actions recommended for the Phase I and II streams were incorporated in the Hanford Federal Facility Agreement and Consent Order (Tri Party Agreement) (Ecology, et al. 1994). Miscellaneous streams are those liquid effluent streams identified within the Consent Order that are discharged to the ground but are not categorized as Phase I or Phase II streams.

Miscellaneous streams discharging to the soil column on the Hanford Site are subject to requirements of several milestones identified in the Consent Order. The *Plan and Schedule for Disposition and Regulatory Compliance for Miscellaneous Streams* (DOE 1994) provides a plan and schedule for the disposition of miscellaneous streams to satisfy one of the Consent Order requirements in Section 6. One of the commitments (Activity 6-2.2) established in the plan and schedule is to annually update the Miscellaneous Stream Inventory. This document constitutes the 1997 revision of the *Inventory of Miscellaneous Streams*.

The annual update will continue until September of 1998 to accommodate the application due date for the fourth permit. The first permit, *State Waste Discharge Permit No. ST 4508*, was issued May 30, 1997, to cover waste water discharges from hydrotesting, maintenance, and construction activities. The application for a second permit was submitted to Ecology in September 1996, to cover cooling water and steam condensate. The third permit application for category three waste water discharges was eliminated by recategorizing waste streams into an existing miscellaneous streams permit or eliminating stream discharges. Elimination of the third categorical permit application was approved by Ecology in January 1997. The fourth permit application, to cover storm water runoff, is due to Ecology in September 1998. Table 2-1 provides a history of the miscellaneous streams permitting activities.

Table 2-1. Miscellaneous Streams Permit History

Category	Permit #	Date	Source Water	Process
1	ST 4508	Permit Issued 5/30/97	Surface Water/ Potable Water	Hydrotesting, Maintenance, and Construction
2	TBD	Application submitted 9/96	Ground Water Surface Water Potable Water Potable Water	Cooling Water Cooling water Cooling water Steam Condensate
3	N/A	Eliminated per Ecology in January 1997	Surface Water Potable Water Potable Water	Coal Ramp Washdown ¹ Vehicle Wash ² Cleaning, Safety Shower ³
4	TBD	Application to be submitted 9/98	Storm Water	Storm Water Runoff

Notes:

¹ Included in Permit ST 4508 BMP Plan.

² Permit not required. All vehicle washing on site will follow guidance of "Vehicle and Equipment Washwater Discharges" (WQ-R-95-56).

³ Discharges have been eliminated or determined not to require a permit.

This inventory has been used to prepare the *State Waste Discharge Permit Application for Cooling Water and Condensate Discharges* (DOE 1996a) and the *Miscellaneous Streams Best Management Practices Report* (DOE 1996b). This inventory will also be used to prepare the fourth categorical permit application as defined in the plan and schedule.

2.0 HANFORD SITE DESCRIPTION

The Hanford Site covers approximately 1,450 square kilometers (560 square miles) of semiarid land owned by the U.S. Government and managed by DOE-RL. The Hanford Site is located northwest of the City of Richland, Washington (Figure 2-1). The City of Richland adjoins the southeastern most portion of the Hanford Site boundary and is the nearest population center.

In early 1943, the U.S. Army Corps of Engineers selected the Hanford Site as the location for plutonium production to support the national defense mission. For over 20 years, activities were primarily dedicated to the continuation of plutonium production and managing the resulting waste. In later years, activities became increasingly diverse, involving research

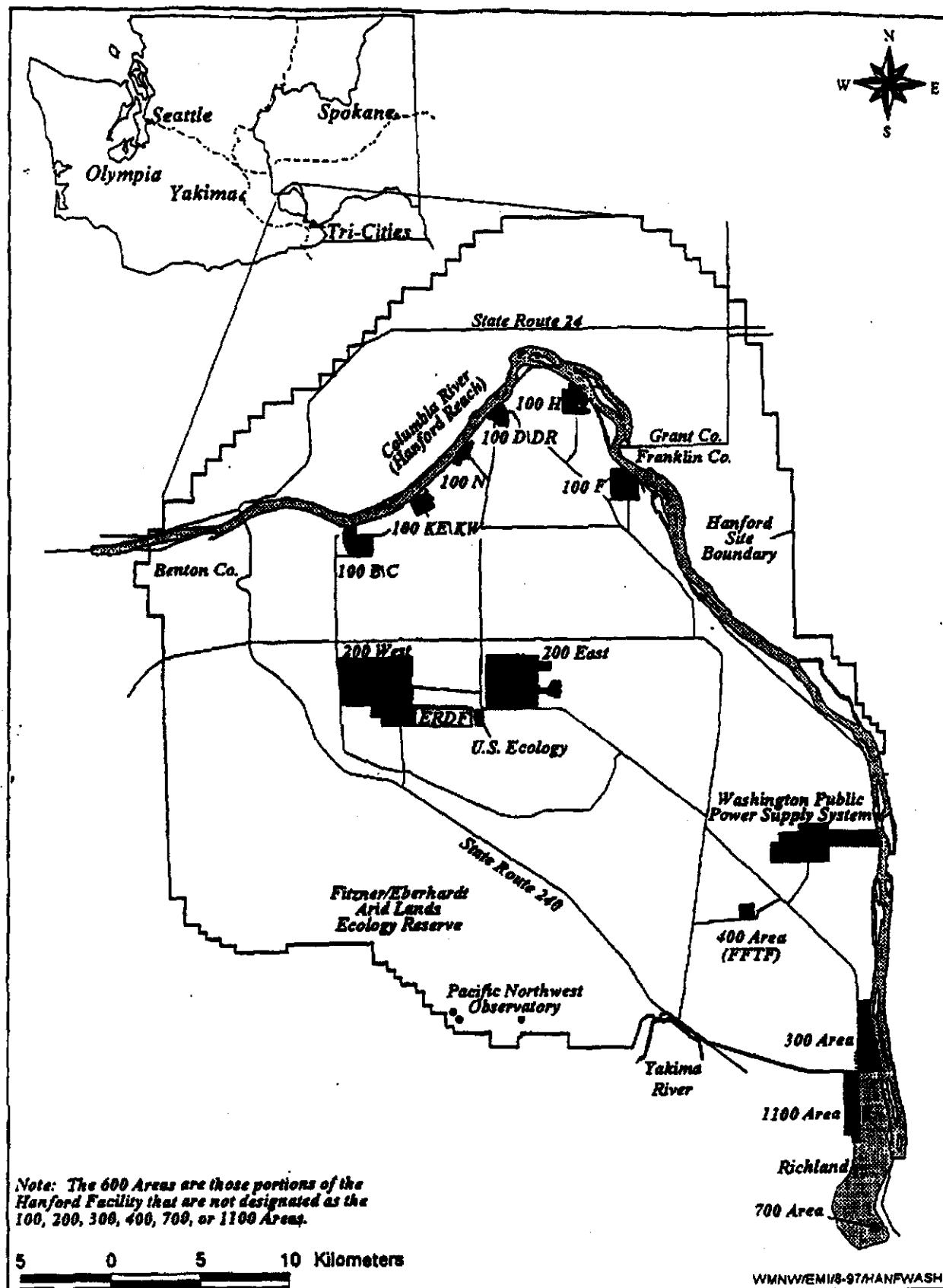


Figure 2-1. Hanford Site

and development for advanced reactors and renewable energy technologies. The end of the Cold War brought the shutdown of most of the Hanford Site's plutonium production and management facilities. Current missions are to safely clean up and manage the legacy waste on the Hanford Site, and to develop and deploy science and technology (DOE/RL-96-92).

The Hanford Site is divided into numerically designated areas. These areas served as the location for reactors, chemical separation, and related activities for the production and purification of special nuclear materials and other nuclear activities. The reactors are located along the Columbia River in the 100 Areas. The reactor fuel reprocessing units are in the 200 Areas, which are on a plateau approximately 11 kilometers from the Columbia River. The 300 Area, located adjacent to and north of Richland, contains the reactor fuel manufacturing plants, and the research and development laboratories. The 400 Area, 8 kilometers northwest of the 300 Area, contains the Fast Flux Test Facility, designed for testing liquid metal reactor systems. The 600 Area covers all locations not specifically given an area designation. Adjacent to and north of Richland, the 1100 Area and the Richland North Area contain offices associated with administration, maintenance, transportation, and materials procurement and distribution, and the Environmental and Molecular Science Laboratory. Offices are also located in the 700 Area, which is in downtown Richland. The 3000 Area has been transferred to the Port of Benton (POB) and is no longer part of the Hanford Site.

The Miscellaneous Stream Inventory provides a listing of disposal site locations limited to activities conducted by DOE-RL on the Hanford Site, and excludes activities conducted by others on lands governed by leases, use permits, easements, and other agreements whereby land is used by parties other than DOE-RL. For example, the Miscellaneous Stream Inventory does not cover activities on state-owned or leased lands, lands owned or under use agreements by the Bonneville Power Administration, and lands leased to the Washington Public Power Supply System and Ecology.

3.0 MISCELLANEOUS STREAM INVENTORY

The inventory of active miscellaneous streams, provided as Table 3-1, identifies liquid effluent discharges which make up the quantitative Miscellaneous Stream Inventory. The majority of these quantitative streams discharge to engineered structures. An engineered disposal structure, as defined in the Plan and Schedule (DOE 1994), is a man-made structure that aids infiltration of fluids into the soil. Maps showing the locations of miscellaneous streams are provided in Appendix A.

3.1 Data Explanation

The Miscellaneous Stream Inventory is provided in Table 3-1, Active Miscellaneous Streams and Table 3-2, Eliminated and Deleted Miscellaneous Streams. Data fields that identify each column of the tables are defined within this section. Streams that collect storm water from an area surrounding the disposal structure are included as active streams. Several

of the streams listed in Revision 1 of the inventory are now identified as eliminated, deleted, or inactive, and appear in a separate table, Table 3-2.

Area

This field provides the location of the disposal structure with regard to Hanford Areas (e.g., 200E, 100N). Figure 2-1 provides a map of the Hanford Site.

Source Water

The source water designation corresponds to the key at the end of the inventory table. If there is more than one stream discharging to the disposal structure, all source waters are identified. Descriptions of the four types of source water are provided in Section 4.0.

Stream Number

The stream number is a consecutive reference identification number. When a stream is eliminated or rerouted, it is noted in the comments but the stream number is not reused. Some streams on the initial inventory did not belong on the updated inventory (e.g., when a stream was permitted during a previous action). These streams were removed and their identification numbers were reused for newly added streams. No other stream numbers are reused. This eliminates the need to renumber streams and allows retention of a historical file.

Note

The note field corresponds to the footnote on the original Miscellaneous Stream Inventory. Some of the footnotes are no longer needed (e.g., note "a") and were removed. Each of the four notes is described at the end of the inventory table. Detailed descriptions of notes are provided in Section 3.2. These notes were used to identify categories of streams for evaluation in the Miscellaneous Streams Best Management Practices Report (DOE 1996b).

Process Description

The process description contains the associated building number and process generating the stream (e.g., steam condensate). Process descriptions are provided in Section 5.0. Additional information regarding the location of the stream may also appear in this field.

Flow (gpm)

Flow rates are estimated. Flow rates for each disposal structure are averaged over a one-year period in gallons per minute (gpm).

Disposal Structure

The type of disposal structure to which the stream discharges is presented in this field. All disposal structures meeting the definition of an "underground injection control," as stated in WAC 173-218, *Washington Underground Injection Control Program*, are identified as injection wells. Other disposal structures are identified where applicable (e.g., gravel basins, drain fields).

Coordinates

Location coordinates of the disposal structure are identified in the Washington State Planar coordinate system. These coordinates were used to map each stream discharge location. Maps are provided in Appendix A.

Comments

This field contains information regarding the status of the stream, last revision, and other pertinent information. The stream status may be identified as eliminated, inactive, deleted, or revised. "Inactive" means that the stream is not currently discharging, but is planned to discharge at a later date. "Eliminated" means that the discharge has been eliminated from discharging to the ground and there are no plans to resume discharge. The eliminated date indicates the date the stream was removed from Table 3-1 and placed in Table 3-2. "Deleted" means that the stream does not meet the inventory requirements or was found to be a duplicate of another stream. "Revised" means that information for that stream was revised. The person requesting a change and the date of the change are also provided, if applicable.

Stream Status

This field indicates the current status of each stream. There are six possibilities for stream/disposal site status as follows:

- AC - The source and disposal site are active.
- STA - The source is temporarily abandoned. This means that the source is inactive and may be reactivated. The disposal site has not been permanently abandoned.
- SA - The source is abandoned. The source has been eliminated but lines have not been capped. The disposal site has not been permanently abandoned.
- SPA - The source is permanently abandoned. The source has been eliminated and lines capped, but the disposal site has not been permanently abandoned.
- DPA - The disposal site is permanently abandoned. This means that the disposal site has been grouted, removed, etc.
- NA - Not applicable. Stream status is not applicable to deleted streams.

Categorical Permit Type

The number in this field indicates the categorical permit under which the discharge is/will be covered. The categorical permits meet the requirements of WAC 173-216 (*State Waste Discharge Permit Program*). For example, a "2" indicates the discharge is covered under the second categorical permit application. Four categorical permits are defined in the Plan and Schedule (DOE 1994). In cases where there is more than one discharge, all applicable permit applications are listed. Several streams that do not

require inclusion in a categorical permit application are marked "NA" (not applicable) or "E" (exempt). "Not applicable" is used for streams that have been eliminated or deleted. "Exempt" means that normally a permit is required; however, Ecology considers the WAC 173-218 (*Washington Underground Injection Control Program*) registration sufficient. For example, steam condensate discharges to injection wells are exempt from permitting.

3.2 Note Explanation

There were initially four notes that may be associated with each stream on the Miscellaneous Streams Inventory. These notes are assigned to each stream as applicable. Note "a" was used in the early identification of streams scheduled for elimination and no longer applies. All streams with the notes "b," "c," or "d" have been evaluated in the *Miscellaneous Streams Best Management Practices Report* (DOE 1996b).

- a = This note is obsolete.
- b = Stream is discharging to an injection well within a surface contaminated area.
- c = Potentially contaminated stream.
- d = Disposal site within 300 feet of an active/inactive crib, ditch or trench.

Note "a": This note is obsolete. This note was helpful in assisting permit applicants identify which streams to include in the permit application. Streams have been verified as eliminated, rerouted, or no change.

Note "b": The stream is discharging to a disposal site within a surface contaminated area. Surface contaminated areas are defined as those near-surface soils contaminated with dangerous and/or radioactive waste. There is a potential for migration of existing contaminants present in the soil of the discharge site to the groundwater. Injection wells discharging directly to a surface contaminated area are a concern.

Boundaries of surface contaminated areas are often set as a conservative boundary for convenient administrative control, and may also include uncontaminated areas. For example, if there are two surface contamination areas in close proximity, a boundary will be set to include both surface contamination areas.

Note "c": The stream is potentially contaminated. Streams are considered potentially contaminated if there is a possibility for contaminants described in WAC 173-200 (*Water Quality Standards for Ground Waters of the State of Washington*) to enter the source water and cause groundwater criteria to be exceeded. Miscellaneous streams originating from sources with physical and/or administrative barriers to prevent contaminants from entering the stream are not considered to have a potential for contaminants.

Note "d": Disposal site of the stream is within 91-meters (300 feet) of an active/inactive crib, ditch or trench. Cribs, ditches, and trenches were used historically for the disposal of radioactive and non-radioactive contaminants. There is a potential for migration of existing contaminants present in the soil within a 91-meter (300 foot) radius of the discharge point. The 91-meter (300 foot) criterion has been used as a minimum separation distance for siting new cribs on the Hanford Site.

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
100B	B	73		181B Building - Cooling water for diesel emergency pump. LOCATION: approximately 60' from the Columbia River.	0.00	Trench	E 564915.0 N 145262.0	Traveling screens were replaced with passive screens in May 1996. Coordinates revised 7/2/97 per cc:Mail from M. Gantner.	STA	2
100D	D	671		181D Building - Cooling water for diesel emergency pumps.	0.00	Trench	E 572236.0 N 151738.0	Traveling screens were replaced with passive screens in April 1996.	STA	2
100K	D	676		1717K Building - Evaporative cooler discharge (1 contributor).	< 0.20	To Ground	E 568974.0 N 146498.0	Stream discharges to ground in June - September.	AC	2
100K	D	681		1717K Building - Evaporative cooler discharge (3 contributors).	< 0.80	To Ground	E 569018.0 N 146494.0	Stream discharges to ground in June - September.	AC	2
100K	D	779		1724K Building - Evaporative cooler discharge.	< 0.50	To Ground	E 569018.0 N 146490.0	ADDED 8/26/97: Stream discharges to ground in June-September, per fax from G. Huncock.	AC	E
100K	D	780		1724K Building - Refrigerated air dryer (compressed air) discharges to 2-gallon condensate pan.	< 0.01	To Ground	E 569018.0 N 146649.0	ADDED 8/26/97: Per fax from G. Huncock. Condensate will accumulate faster than evaporation depending on use.	AC	E
100K	D	781		1724K Paint booth refrigerated air dryer condensate. Stream could go to ground depending on amount of moisture in outside air.	< 0.30	To Ground	E 569018.0 N 146649.0	ADDED 8/26/97: Per fax from G. Huncock. Air dryer will operate <3 hours a day to remove moisture from air going to paint booth.	AC	E
100N	C	396		107N Building - Rain runoff LOCATION: east area.	< 0.50	Injection Well	E 571038.1 N 149477.1		AC	4
100N	C	395		107N Building - Rain runoff LOCATION: west area.	< 0.50	Injection Well	E 571029.8 N 149480.5		AC	4

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Dispose Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
100N	B	492		103N Building - When fire system piping is opened at the valve pit for repair, untreated raw water from the Columbia River (via Hanford Site export water system) drains from pipes into the pit. LOCATION: valve pit north of building.	< 0.01	Injection Well	E 571110.0 N 149397.0		AC	2
100N	B	493		103N Building - This stream is a relief valve which releases during upset conditions in the plant fire system. Released water flows into a container, and overflows on the ground. LOCATION: north of building, adjacent to valve pit.	< 0.01	To Ground	E 571110.0 N 149397.0		AC	2
1100	C	661		1163 Building - Parking area - Storm water runoff from parking area flows to catch basin; overflow routed to a drywell beneath catch basin.	< 0.01	Injection Well	E 593514.0 N 109950.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4
1100	C	669		1163 Building - Parking area - Storm water runoff from parking area flows to catch basin; overflow routed to a drywell beneath catch basin.	< 0.01	Injection Well	E 593506.0 N 109918.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4
1100	C	658		1163 Building - Parking area - Storm water runoff from parking area flows to catch basin; overflow routed to a drywell beneath catch basin.	< 0.01	Injection Well	E 593506.0 N 109879.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4
1100	C	474		1163 Building - Parking area - Storm water runoff from parking area flows to catch basin; overflow routed to a drywell beneath catch basin.	< 0.01	Injection Well	E 593585.0 N 110136.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4
1100	C	475		1163 Building - Parking area - Storm water runoff from parking area flows to catch basin; overflow routed to a drywell beneath catch basin.	< 0.01	Injection Well	E 593571.0 N 110115.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4

Table 3-1. Active Miscellaneous Streams

Area Water	Source Number	Stream Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planar Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
1100	C 476	1163 Building - Parking area - Storm water runoff from parking area flows to catch basin; overflow routed to a drywell beneath catch basin.	< 0.01	Injection Well	E 593586.0 N 110055.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4	
1100	C 477	1163 Building - Parking area - Storm water runoff from parking area flows to catch basin; overflow routed to a drywell beneath catch basin.	< 0.01	Injection Well	E 593585.0 N 109996.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4	
1100	C 478	1163 Building - Parking area - Storm water runoff from parking area flows to catch basin; overflow routed to a drywell beneath catch basin.	< 0.01	Injection Well	E 593538.0 N 109960.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4	
1100	C 662	1163 Building - Parking area - Storm water runoff from parking area flows to catch basin; overflow routed to a drywell beneath catch basin.	< 0.01	Injection Well	E 593430.0 N 110056.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4	
1100	C 663	1163 Building - Parking area - Storm water runoff from parking area flows to catch basin; overflow routed to a drywell beneath catch basin.	< 0.01	Injection Well	E 593585.0 N 109996.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4	
1100	C 664	1163 Building - Parking area - Storm water runoff from parking area flows to catch basin; overflow routed to a drywell beneath catch basin.	< 0.01	Injection Well	E 593538.0 N 109940.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4	
1100	C 665	1163 Building - Parking area - Storm water runoff from parking area flows to catch basin; overflow routed to a drywell beneath catch basin.	< 0.01	Injection Well	E 593538.0 N 109918.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4	
1100	C 666	1163 Building - Parking area - Storm water runoff from parking area flows to catch basin; overflow routed to a drywell beneath catch basin.	< 0.01	Injection Well	E 593538.0 N 109879.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4	

This report was current on: 03-Sep-97

Keys are found on the last page.

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
1100	C	667	1163 Building - Parking area - Storm water runoff from parking area flows to catch basin; overflow routed to a drywell beneath catch basin.	1163 Building - Storm < 0.01		Injection Well	E 393516.0 N 109918.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4
1100	C	668	1163 Building - Parking area - Storm water runoff from parking area flows to catch basin; overflow routed to a drywell beneath catch basin.	1163 Building - Storm < 0.01		Injection Well	E 393522.0 N 109879.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4
1100	C	539	1163 Building - Parking area - Storm water. LOCATION: north parking lot of building.	1163 Building - Storm < 1.00		Injection Well	E 393496.0 N 110145.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4
1100	C	623	1166 Building - South parking lot catch basin outfall. This structure discharges storm water runoff from 9 catch basins throughout the parking lot to a ditch.	1166 Building - South parking lot < 0.09		Trench	E 393384.0 N 110378.0	REVISED 7/2/97: Building 1166, not 1163; modified coordinates per cc:Mail from M. Gunter.	AC	4
1100	C	487	1171 Building - Storm water collection system. Collects storm water overflow from parking area catch basins; effluent is used to water the grass within the collection basin. LOCATION: south of building.	1171 Building - Storm water < 3.00		Collection Basin	E 393373.0 N 110746.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4
1100	C	479	Parking area in front of gravel area that was once 1166 Building - Storm water runoff. LOCATION: parallel to Stevens Dr. in paved area nearest the street.	Parking area in front of gravel area < 0.50		Injection Well	E 393397.0 N 110231.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4
1100	C	486	Parking area in front of gravel area that was once 1166 Building - Storm water runoff. LOCATION: parallel to Stevens Dr., in paved area nearest the pavement.	Parking area in front of gravel area < 0.50		Injection Well	E 393397.0 N 110395.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	4

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (open)	Disposed Structure	Washington State Planner Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
1100	C	451	Parking area in front of gravel area that was once 116 Building - Storm water runoff; LOCATION: parallel to Stevens Dr., in paved area nearest the street.	< 0.50	Injection Well	E 393597.0 N 110287.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Quader.	AC	4	
1100	C	452	Parking area in front of gravel area that was once 116 Building - Storm water runoff; LOCATION: parallel to Stevens Dr., in paved area nearest the street.	< 0.50	Injection Well	E 393597.0 N 110303.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Quader.	AC	4	
1100	C	453	Parking area in front of gravel area that was once 116 Building - Storm water runoff; LOCATION: parallel to Stevens Dr., in paved area nearest the street.	< 0.50	Injection Well	E 393597.0 N 110323.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Quader.	AC	4	
1100	C	454	Parking area in front of gravel area that was once 116 Building - Storm water runoff; LOCATION: parallel to Stevens Dr., in paved area nearest the street.	< 0.50	Injection Well	E 393597.0 N 110341.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Quader.	AC	4	
1100	C	455	Parking area in front of gravel area that was once 116 Building - Storm water runoff; LOCATION: parallel to Stevens Dr., in paved area nearest the street.	< 0.50	Injection Well	E 393597.0 N 110371.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Quader.	AC	4	
1100	C	456	Parking area in front of gravel area that was once 116 Building - Storm water runoff; LOCATION: parallel to Stevens Dr., in paved area nearest the street.	< 0.50	Injection Well	E 393597.0 N 110369.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Quader.	AC	4	
1100	C	670	Parking area south of gravel area that was once 116 Building - Storm water runoff.	< 0.50	Injection Well	E 393477.0 N 110186.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Quader.	AC	4	
200E	C	726	203SE A Building - Storm water runoff from paved area.	< 0.50	Injection Well	E 573717.9 N 137366.6	ADDED 1/97.	AC	4	

This report was current on: 02-Sep-97

Keys are found on the last page.

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposed Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200E	D	465	hd	202A Building - PUREX drain condensate. LOCATION: south side of building, connected to stream jet #1.	< 0.10	Injection Well	E 375242.5 N 135619.9	Injection Well (P). Will remain active until package bottom replace stream line per 8/4/97 e-mail from D. Johnson.	AC	E
200E	C	457		202A Building - PUREX drain water. LOCATION: south side of building, at the southeast corner of the estimate roadway and its service road.	< 0.01	Injection Well	E 375055.5 N 135639.9		AC	4
200E	C	463		202A Building - PUREX drain water. LOCATION: south side of building, connected to stream trap pit #10.	< 0.10	Injection Well	E 375106.2 N 135619.5	Injection Well (I)	AC	4
200E	C	463		202A Building - PUREX drain water. LOCATION: south side of building, connected to the vacuum cleaner filter pit.	< 0.10	Injection Well	E 375095.9 N 135596.6	Injection Well (H)	AC	4
200E	C	460		202A Building - PUREX drain water. LOCATION: south end corner of building.	< 0.10	Injection Well	E 374954.5 N 135607.8	Injection Well (E)	AC	4
200E	D	43	hd	202A PUREX - Steam condensate line #2001 discharges to a French drain located within a surface contaminated area. LOCATION: south side of 202A AND	0.04	Injection Well	E 375244.1 N 135562.9	Injection Well (O). Will remain active until package bottom replace stream line, per 8/4/97 e-mail from D. Johnson.	AC	E
200E	D	66	hd	202A PUREX - Steam condensate line #2001 discharges to a French drain located within a surface contaminated area. LOCATION: south side, near the entrance to the storage tanks.	0.04	Injection Well	E 375220.5 N 135658.4	Injection Well (T). Will remain active until package bottom replace stream line, per 8/4/97 e-mail from D. Johnson.	AC	E

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
	Water	Number								
200E	D	64	b4	202A PUREX - Steam condensate line #8801 discharges to a french drain located within a surface contaminated area. LOCATION: south side of 202A, on the east side of the 216-E-15 storage tunnel.	0.04	Injection Well	E 573271.5 N 135601.1	Injection Well (Q) Within 300' of 216-A-4. Will remain active until package boilers replace steam line, per 8/4/97 cc:Mail from D. Johnson.	AC	E
200E	D	63	b4	202A PUREX - Steam condensate line #8801 discharges to a french drain located within a surface contaminated area. LOCATION: south side, between 292AB main stock building and 216-E-14 storage tunnel.	0.04	Injection Well	E 573244.2 N 135551.9	Injection Well (N). Will remain active until package boilers replace steam line, per 8/4/97 cc:Mail from D. Johnson.	AC	E
200E	D	65	b4	202A PUREX - Steam condensate line #8801. LOCATION: north side, along the east side of the north wall next to the 216-E-18 storage tunnel.	0.04	Injection Well	E 573274.1 N 135645.3	REVISED 3/96: Injection Well (S) within 300' of 216-A-32. Will remain active until package boilers replace steam line, per 8/4/97 cc:Mail from D. Johnson.	AC	E
200E	D	67		202A PUREX - Steam condensate line #8801. LOCATION: north corner, in the exclusion zone.	0.04	Injection Well	E 573283.7 N 135902.8	Injection Well (U). Will remain active until package boilers replace steam line, per 8/4/97 cc:Mail from D. Johnson.	AC	E
200E	D	56		202A PUREX - Steam condensate line #8801. LOCATION: northwest corner of PUREX where the steam line enters through the security fence.	0.10	Injection Well	E 574933.2 N 135718.5	Injection Well (A). Will remain active until package boilers replace steam line, per 8/4/97 cc:Mail from D. Johnson.	AC	E
200E	D	60	d	202A PUREX - Steam condensate line #8801. LOCATION: south side prior to the #04 gate access.	0.04	Injection Well	E 575105.6 N 135514.7	Injection Well (G) within 300' of 216-A-31, 216-A-3, and 216-A-2. Will remain active until package boilers replace steam line, per 8/4/97 cc:Mail from D. Johnson.	AC	E

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Dispose Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200E	D	57		202A PUREX - Steam condensate line #8801. LOCATION: west side.	0.04	Injection Well	E 574933.1 N 135613.9	REVISED 1/96: Injection Well (B) "d" note removed. Will remain active until package boilers replace steam line, per 8/4/97 cc:Mail from D. Johnson.	AC	E
200E	D	657	4	204-AK Steam trap and compressor condensate.	< 0.01	Injection Well	E 575220.0 N 136008.0	REVISED 6/4/96: Per M. Bonner. Compressor condensate added; "d" note added.	AC	2
200E	D	730		209-E Critical Mass Lab Service Building steam condensate. LOCATION: north of building.	< 0.01	Injection Well	E 574450.2 N 136348.5	ADDED 5/97: Also known as 200-E-4.	AC	E
200E	C	11		221B Building - Parking lot storm drain. Discharge during rain and snow melt. LOCATION: north side.	0.50	Trench	E 573515.8 N 136112.8		AC	4
200E	C	12		223B Building - WEKF caustic handling crane system pad drain. Batch discharged during rain and snow melt. LOCATION: west side.	0.02	Injection Well	E 573304.8 N 136446.7		AC	4
200E	D	10		225B Building - WEKF process steam, steam trap condensate. LOCATION: south side.	0.10	Injection Well	E 573348.7 N 136452.9		AC	E
200E	D	547		242A Building - Injection well receives effluent from the 242-A-2, 242-A-3, 242-A-4 steam traps, and PRV-BAI-1. LOCATION: northeast corner of 242-A.	< 1.00	Injection Well	E 575359.5 N 135975.0	Stream #562 and #548 discharge into stream #547.	AC	E
200E	D	701		242AC Building - Quench tank is used to cool carbon and stainless steel. Waterwater is not discharged to SCA4, or within 300' of a crib, ditch, or trench.	5.00	To Ground	E 575296.0 N 135976.0	ADDED 5/96: Per cc:Mail from M. Guster.	AC	2

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200E	D	639	d	244-AR vessel vent stack steam supply - Steam blowdown line in a caisson.	0.00	Injection Well	E 575206.0 N 136888.0	INACTIVE 6/4/96: Steam will only be supplied as needed during 244-AR activities. "d" note added.	STA	E
200E	D	563		2704HV Building - HVAC condensate. LOCATION: 150' south of building towards southeast corner.	< 0.01	Injection Well	E 572625.5 N 136579.5		AC	E
200E	D	452		2704HV Building - HVAC condensate. LOCATION: 150' south of building towards southwest corner.	< 0.01	Injection Well	E 572609.6 N 136579.5		AC	E
200E	C	564		2704HV Building storm water runoff. LOCATION: north of building, 400' from northwest corner.	< 5.00	Collection Basin	E 572352.7 N 136825.9		AC	4
200E	C	530		2704HV Building storm water runoff. LOCATION: northwest of building, at north end of parking lot.	< 5.00	Collection Basin	E 572464.3 N 136825.7		AC	4
200E	D	488		2707E Building - Steam condensate batch discharge during winter. LOCATION: southwest side.	< 5.00	Injection Well	E 573540.9 N 135719.8		AC	E
200E	D	312		2707E Building - Steam condensate, batch discharge during winter. LOCATION: north side.	< 5.00	Injection Well	E 573572.1 N 135729.3		AC	E
200E	D	522		2707E Building - Steam condensate. LOCATION: southeast corner.	< 1.00	Injection Well	E 573574.1 N 135719.5		AC	E
200E	D	313		2713E Building - Steam condensate, batch discharge during winter. LOCATION: southwest corner.	< 5.00	Injection Well	E 573612.0 N 135555.6		AC	E
200E	D	92		2715E Building - Steam Trap #02. This steam trap is on the line to the building, past the first cutoff from the main header. LOCATION: south side.	< 1.00	Injection Well	E 573670.5 N 135539.7		AC	E

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200E	D	93	271SE Building - Steam Trap #03.	< 1.00	Injection Well	E 573670.5 N 135560.1			AC	E
			This steam trap is on the line to the building, just the first cutoff from the main header. LOCATION: south side.							
200E	D	94	271SE Building - Steam Trap #04.	< 1.00	Injection Well	E 573674.4 N 135569.6			AC	E
			This steam trap is on the line to the building, just the first cutoff from the main header. LOCATION: south side.							
200E	D	224	271SEC Building - Steam condensate and overflow from building heating and cooling unit.	< 1.00	Injection Well	E 573627.0 N 135661.2			AC	E
			LOCATION: northeast corner of 271SEC.							
200E	D	527	271SEC Building - Steam condensate. Steam trap 2F-Yard-MSS-TRP-051. LOCATION: 20' west of the southwest corner of building.	1.00	Injection Well	E 573604.7 N 135653.2	REVISED 7/2/97: Modified description per cc:Mail from M. Ginter.		AC	E
200E	D	311	2719E Building - Steam condensate, batch discharge during winter.	< 5.00	Injection Well	E 573604.0 N 135767.1			AC	E
			LOCATION: west side.							
200E	C	496	2721EA Building - Storm water runoff from roof drains and paved surface.	< 0.01	Injection Well	E 572865.7 N 135670.0			AC	4
			LOCATION: approximately 15' west of building.							
200E	D	559	272E Building - Water from valve.	< 1.00	Injection Well	E 573575.9 N 135604.0			AC	2
			LOCATION: 30' south of southwest corner.							
200E	D	560	273E Building - 72" well - Water from vacuum vent line for sanitary water.	< 1.00	Injection Well	E 573476.0 N 135733.1			AC	2
			LOCATION: 50' north of building towards west side.							

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
	Water	Number								
200E	D	361		273E Building - Control valve above 12" well - Potable water from valve. LOCATION: 50' north of building towards east side.	< 1.00	Injection Well	E 573509.7 N 135732.4		AC	2
200E	D	630		2750E Building - Overflow cooling water from the evaporative cooler (cooling condenser coils on the building heat pump) discharges to a trench south of 2750. LOCATION: south of 2750E.	0.13	Trench	E 573596.0 N 135069.0		AC	2
200E	D	629		2750E Building - Steam condensate from building heating discharges to a trench near the southwest corner of 2750. LOCATION: southwest of building.	0.30	Trench	E 573164.0 N 135916.0		AC	2
200E	C	625		2750E Building - An outfall collects storm water from a network of catch basins in the parking area south of 2750E. The outfall discharges to a gravel pad in a ditch southwest of 2751E. LOCATION: off southwest corner of building, across from road.	< 0.04	Trench	E 573570.9 N 135048.3		AC	4
200E	C	624		2750E Building - Outfall northwest of 2750E collects storm water from a network of 15 catch basins and storm drains/manholes throughout the parking areas north of 2750E; discharges to a ditch. Includes catch basins around MD-234 and MD-21.	< 0.10	Trench	E 573424.2 N 135195.1	Located ~220' north of 2752E.	AC	4
200E	D	314		275E Building - Steam condensate, batch discharge during winter. LOCATION: east side.	< 5.00	Injection Well	E 573706.3 N 135614.4		AC	E
200E	D	525		275E Building - Steam condensate. LOCATION: 10' west of the center of west side of building.	< 1.00	Injection Well	E 573674.8 N 135604.9		AC	E

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Name	Precise Description	Flow (gpm)	Disposed Structure	Washington State Plan Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200E	C	526	275E Building - Storm water runoff. LOCATION: 10' east of the northeast corner of building.	1.00	Injection Well	E 5739017.8 N 135613.1		AC	4
200E	D	318	275EA Building - Storm condensate, < 3.00 leach discharge during winter. LOCATION: west side.	< 3.00	Injection Well	E 5739022.2 N 135629.3		AC	E
200E	D	497	275EA Building - Storm condensate from storm separator. LOCATION: east side of building.	0.00	Injection Well	E 5739155.3 N 135903.8		STA	E
200E	D	701	277A Building - Ground tank is used to cool exhaust and circulation fluid. Water must be sent discharged to SCA, or within 300' of a creek, ditch, or stream.	3.00	To Ground	E 5739193.0 N 136229.0	ADDED 5/96: Per ecMed from M. Owner.	AC	2
200E	D	176	211E Building - HTR-TLR-200- 205,206-305 (located inside this building) discharge to this injection well. Heater floor floor.	< 3.00	Injection Well	E 5739229.0 N 131644.3		AC	E
200E	D	169	224E Building - Heater, main floor (water flow only) HTR-024, HTR- 025. LOCATION: Amt floor by main door of 204E Building	< 3.00	Injection Well	E 573910.6 N 135618.5		AC	E
200E	D	173	224E Building - Heater, crawler route, HTR-079. LOCATION: 224E Building southwest corner of crawler route.	< 1.00	Injection Well	E 573910.9 N 135511.6		AC	E
200E	D	171	214E Building - Heater, TLR-078, HTR-071. LOCATION: 224E Building south, by 403 half and tower #2.	< 3.00	Injection Well	E 5739129 N 135520.1		AC	E
200E	D	172	214E Building - Heater, TLR-078, HTR-077. LOCATION: 224E Building south side of crawler route.	< 3.00	Injection Well	E 573910.7 N 135521.1		AC	E

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planar Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
Water	Number									
200E	D	170		284E Building - Heater. LOCATION: Area floor west wall of 284E Building.	< 3.00	Injection Well	E 573910.6 N 135629.2		AC	E
200E	B	177		284E Building - Raw Water - Washdown of Coal Ramp to 3 umps - in summer washdown water only. Umps are pumped in the summer 2 times a week on average; in winter 2 times a day. LOCATION: end of coal ramp at coal loading station across RR tracks.	< 0.05	Manmade depression	E 573908.0 N 135468.9	Manmade depression (Pond in dry moist times).	AC	I
200E	D	384		284E High Water Tank overflow.	2.00	Open Trench	E 573456.0 N 135563.0		AC	2
200E	B	322	c	291B Building - Plant Canyon Exhaust Sand Filter Drain - Drains liquid effluent in filter bank if waterproofing seal fails. Potential radionuclide contamination.	0.00	Injection Well	E 573650.5 N 136388.8	West end of filter.	AC	2
200E	D	8	d	292B Building - B Plant yard steam line, 3" line to 292-B, steam trap condensate.	0.01	Injection Well	E 573556.5 N 136375.5	REVISED 8/28/95: "d" note added per R. Weisenfeld.	AC	E
200E	D	4	d	B Plant Yard Steam Line - 10" main, steam trap condensate.	0.50	Injection Well	E 573358.4 N 136368.3	REVISED 8/28/95: "d" noted added per R. Weisenfeld.	AC	E
200E	D	3		B Plant Yard Steam Line - 10" main, steam trap condensate.	0.40	Injection Well	E 573643.0 N 136368.3		AC	E
200E	D	9		B Plant Yard Steam Line - 3" main, steam trap condensate.	0.10	Injection Well	E 573277.5 N 136377.4	REVISED 5/96. "d" note was removed.	AC	E
200E	D	3	d	B Plant Yard Steam Line - 8" main, steam trap condensate.	0.70	Injection Well	E 573411.4 N 136367.9	REVISED 8/28/95; "d" note added per R. Weisenfeld.	AC	E
200E	D	6	d	B Plant Yard Steam Line - 8" main, steam trap condensate.	0.30	Injection Well	E 573358.4 N 136367.7	REVISED 8/28/95; "d" note added per R. Weisenfeld.	AC	E
200E	D	7		B Plant Yard Steam Line - 8" main, steam trap condensate.	0.30	Injection Well	E 573330.1 N 136401.4		AC	E

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Table 3-1. Active Miscellaneous Streams

Area	Source Water Number	Stream Name	Process Description	Flow (lpm)	Disposal structure	Washington State Planer Coordinates (meters)	Comments	Status	Categorical Permit Type
200E	C 709	Injection well receives storm water from parking lot. LOCATION: south of MO-224.	< 0.01 Injection Well	E 573719.0 N 135264.0	ADDED 8/96: Per cc-Mail from Dennis Kluges.	AC	4		
200E	C 710	Injection well receives storm water from parking lot. LOCATION: south of MO-224.	< 0.01 Injection Well	E 573720.0 N 135269.0	ADDED 8/96: Per cc-Mail from Dennis Kluges.	AC	4		
200E	C 331	MO-900 Building - Pumping lot debris goes to lower pumping lot. LOCATION: 20' south of northeast corner of building.	< 1.00 Injection Well	E 573463.1 N 136333.1	REVISED 7/30/97: Modified description per cc-Mail from T. Blagg.	AC	4		
200E	D 631	Storm Trap - 2R-Yard-MSS-TBP-015 - Storm conductive. LOCATION: storm from Kline's drilling bundle truck, on line to B Plant.	< 0.01 Injection Well	E 573720.0 N 136131.0	REVISED 7/2/97: Modified coordinates per cc-Mail from M. Guster.	AC	E		
200E	D 643	Storm Trap - 2R-Yard-MSS-TBP-036 - Storm conductive. LOCATION: on line 103 to east end.	< 0.01 Injection Well	E 573207.0 N 135357.0		AC	E		
200E	D 613	Storm Trap - 2R-Yard-MSS-TBP-060 - Storm Conductive. LOCATION: front of 224E, between houses #56 and #57.	< 0.01 Injection Well	E 573644.0 N 135626.0	REVISED 7/2/97: Modified coordinates per cc-Mail from M. Guster.	AC	E		
200E	D 633	Storm Trap - 2R-Yard-MSS-TBP-064 - Storm conductive. LOCATION: in a pit near the site next to the east wing.	< 0.01 Injection Well	E 573207.7 N 135405.0		AC	E		
200E	D 533	Storm Trap - 2R-Yard-MSS-TBP-103 - On east storm line crossing Atlantic Street (Formerly labeled T.L.T.). 1) LOCATION: 20' northeast of MO-14, west of building.	1.00 Injection Well	E 573477.1 N 135831.1		AC	E		
200E	D 86	Storm Trap 2P - Yard-MSS-TBP-061. LOCATION: west side of 224E.	< 1.00 Injection Well	E 573633.0 N 135403.0		AC	E		

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200E	D	87	Steam Trap 2P - Yard-MSS-TRP-002. LOCATION: west side of 284E.	< 1.00	Injection Well	E 573864.0 N 135596.0			AC	E
200E	D	89	Steam Trap 2P - Yard-MSS-TRP-003. LOCATION: east side of Baltimore crossover.	< 1.00	Injection Well	E 573744.0 N 135562.0			AC	E
200E	D	90	Steam Trap 2P - Yard-MSS-TRP-004. LOCATION: west side of Baltimore crossover.	< 1.00	Injection Well	E 573672.0 N 135552.0			AC	E
200E	D	95	Steam Trap 2P - Yard-MSS-TRP-005. LOCATION: 5' southeast of the southeast corner of 2713E.	< 1.00	Injection Well	E 573635.9 N 135555.2			AC	E
200E	D	96	Steam Trap 2P - Yard-MSS-TRP-006. LOCATION: 2713E Building.	< 1.00	Injection Well	E 573630.0 N 135551.0			AC	E
200E	D	97	Steam Trap 2P - Yard-MSS-TRP-007. LOCATION: east general high tank.	< 1.00	Injection Well	E 573572.5 N 135567.3			AC	E
200E	D	100	Steam Trap 2P - Yard-MSS-TRP-010. LOCATION: southeast of 275EC, to the B Plant steam line.	< 1.00	Injection Well	E 573727.7 N 135625.6			AC	E
200E	D	103	Steam Trap 2P - Yard-MSS-TRP-011. LOCATION: across from first aid 2719EA on steam line to B Plant.	< 1.00	Injection Well	E 573721.0 N 135741.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Guster.		AC	E
200E	D	106	Steam Trap 2P - Yard-MSS-TRP-012, 062. LOCATION: across from MO532 on steam line to B Plant.	< 1.00	Injection Well	E 573721.0 N 135877.0			AC	E
200E	D	107	Steam Trap 2P - Yard-MSS-TRP-013. LOCATION: across from Kaiser drilling on steam line to B Plant.	< 1.00	Injection Well	E 573720.0 N 136029.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Guster.		AC	E

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Dispose Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
	Water	Number								
200E	D	108		Steam Trap 2P - Yard-MSS-TRP-014. LOCATION: across from Kaiser drilling beside tracks on steam line to B Plant.	< 1.00	Injection Well	E 573726.4 N 136113.3		AC	E
200E	D	109		Steam Trap 2P - Yard-MSS-TRP-016. LOCATION: south of 294B on steam line to B Plant.	< 1.00	Injection Well	E 573720.0 N 136299.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	E
200E	D	570		Steam Trap 2P - Yard-MSS-TRP-017.	< 1.00	Injection Well	E 573715.0 N 136369.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	E
200E	D	571		Steam Trap 2P - Yard-MSS-TRP-019.	< 1.00	Injection Well	E 573714.0 N 136369.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Gunter.	AC	E
200E	D	111		Steam Trap 2P - Yard-MSS-TRP-036. LOCATION: east of 244E toward PUREX.	< 1.00	Injection Well	E 574010.9 N 135727.0		AC	E
200E	D	112		Steam Trap 2P - Yard-MSS-TRP-037, 2nd trap on PUREX line.	< 1.00	Injection Well	E 574227.3 N 135727.6		AC	E
200E	D	113		Steam Trap 2P - Yard-MSS-TRP-038, 3rd trap on PUREX line.	< 1.00	Injection Well	E 574547.3 N 135728.5		AC	E
200E	D	114		Steam Trap 2P - Yard-MSS-TRP-039, 4th trap on PUREX line.	< 1.00	Injection Well	E 574736.2 N 135729.1		AC	E
200E	D	117	d	Steam Trap 2P - Yard-MSS-TRP-042. LOCATION: north of 275EA.	0.00	Injection Well	E 573166.0 N 135947.0	INACTIVE 12/6/95: Steam will only be supplied as needed during 244-AR/204-AR activities. "d" note added.	STA	E
200E	D	572	d	Steam Trap 2P - Yard-MSS-TRP-043. LOCATION: north of 275EA.	0.00	Injection Well	E 573181.0 N 135986.0	INACTIVE 12/6/95: Steam will only be supplied as needed during 244-AR/204-AR activities. "d" note added.	STA	E

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planar Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200E	D	573	d	Steam Trap 2P - Yard-MSS-TRP-044. LOCATION: west of 244-AR.	0.00	Injection Well	E 573194.0 N 136063.0	INACTIVE 12/6/95: Steam will only be supplied during 244-AR activities. "d" note added.	STA	E
200E	D	38		Steam Trap 2P - Yard-MSS-TRP-061 (tagged as 03-275E). LOCATION: east side of 233E.	< 1.00	Injection Well	E 573851.8 N 135629.0	REVISED 7/2/97: Modified description per cc:Mail from M. Gunter.	AC	E
200E	D	577		Steam Trap 2P - Yard-MSS-TRP-161, steam condensate. LOCATION: new fourth and Baltimore, north of 244E.	< 1.00	Injection Well	E 573949.0 N 135757.0		AC	E
200E	D	378		Steam Trap 2P - Yard-MSS-TRP-102, steam condensate. LOCATION: on Baltimore.	< 1.00	Injection Well	E 573718.0 N 135839.0		AC	E
200E	D	580		Steam Trap 2P - Yard-MSS-TRP-104, steam condensate. LOCATION: west of 271E.	< 1.00	Injection Well	E 573276.0 N 135795.0		AC	E
200E	D	761		Steam trap 2P-Yard-MSS-TRP-030. LOCATION: northwest of 204-AR, 241-AW.	< 1.00	Injection Well	E 573145.0 N 136415.0	ADDED 7/2/97: Per cc:Mail from M. Gunter.	AC	E
200E	D	651	d	Steam Trap 2P-Yard-MSS-TRP-032 - Steam condensate. Both traps discharge into one injection well. LOCATION: northwest of 204-AR, 241-AW.	0.00	Injection Well	E 573198.0 N 136009.0	INACTIVE 6/4/96: Per comment by M. Bowman. Steam will only be supplied as needed during 204-AR activities. Labeled 204AR-1, 242A-1. "d" note added. Modified description 7/2/97 per cc:Mail from M. Gunter.	STA	E
200E	D	652		Steam Trap 2P-Yard-MSS-TRP-033 - Steam condensate. LOCATION: northwest of 241-AW.	< 0.01	To Ground	E 573286.0 N 135925.0	Currently labeled 242A-1.	AC	E
200E	D	762		Steam trap 2P-Yard-MSS-TRP-055. LOCATION: northwest of 241-AW.	< 1.00	Injection Well	E 574586.0 N 136390.0	ADDED 7/2/97: Per cc:Mail from M. Gunter.	AC	E

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planar Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200E	D	750		Steam trap 2P-Yard-MSS-TRP-105. LOCATION: on lower steam line between 200E and 200W.	< 1.00	Injection Well	E 573106.0 N 135796.0	ADDED 7/2/97; Per cc:Mail from M. Guster.	AC	E
200E	D	749		Steam trap 2P-Yard-MSS-TRP-106. Location: off steam tie-line between 200E and 200W.	< 1.00	Injection Well	E 572601.0 N 135790.0	ADDED 7/2/97; Per cc:Mail from M. Guster.	AC	E
200E	D	660	a	West side of K-3 Filter. Injection well, located below emergency steam jet, receives steam condensate. Potential radionuclide contamination.	0.10	Injection Well	E 573336.4 N 136438.6		AC	E
200W	D	42		W-20 Pipefitter's Shop - Skid Shack. Steam condensate. LOCATION: west side of W-20 Pipefitter's Shop.	0.05	Injection Well	E 567234.5 N 135858.3		AC	E
200W	D	261	b	216-Z-13 - Condensate from the ET-8 exhaust fans and building steam condensate are discharged to this french drain.	0.30	Injection Well	E 566498.1 N 135582.0	Potential historical contamination underground at discharge location. Also known as 216-Z-13.	AC	E
200W	D	263	b	216-Z-14 - Condensate from the ET-9 exhaust fans and building steam condensate are discharged to this french drain.	0.50	Injection Well	E 566479.8 N 135583.5	Potential historical contamination underground at discharge location. Also known as 216-Z-14.	AC	E
200W	C	777		218-W-3 Burial Ground - Trenches 31 and 34 collect storm water that discharges to a ditch. LOCATION: along Dayton Ave.	< 0.10	Trench	E 563891.7 N 137262.7	ADDED 6/12/97; Per cc:Mail from B. Barnes.	AC	4
200W	C	206		222S Building - Catch basin (storm drain) #03. LOCATION: parking lot.	< 0.10	Injection Well	E 567304.5 N 133814.8	REVISED 12/7/95; "d" note removed.	AC	4
200W	C	207		222S Building - Catch basin (storm drain) #04. LOCATION: parking lot.	< 0.10	Injection Well	E 567256.6 N 133859.2	REVISED 6/95; "d" note removed.	AC	4
200W	C	208		222S Building - Catch basin (storm drain) #05. LOCATION: parking lot.	< 0.10	Injection Well	E 567334.1 N 133821.9	REVISED 11/27/95; "d" note removed.	AC	4

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
Water	Number									
200W	C	209		2228 Building - Catch basin (storm drain) #06. LOCATION: parking lot.	< 0.10	Injection Well	E 567353.9 N 133920.0	REVISED 11/27/95: "d" note removed.	AC	4
200W	C	210		2228 Building - Catch basin (storm drain) #07. LOCATION: parking lot.	< 0.10	Injection Well	E 567360.9 N 133814.9	REVISED 11/27/95: "d" note removed.	AC	4
200W	C	211		2228 Building - Catch basin (storm drain) #08. LOCATION: parking lot.	< 0.10	Injection Well	E 567360.6 N 133917.0	REVISED 11/27/95: "d" note removed.	AC	4
200W	C	212		2228 Building - Catch basin (storm drain) #10. LOCATION: parking lot.	< 0.10	Injection Well	E 567433.9 N 133815.0	REVISED 11/27/95: "d" note removed.	AC	4
200W	C	213		2228 Building - Catch basin (storm drain) #11. LOCATION: parking lot.	< 0.10	Injection Well	E 567389.8 N 133920.3	REVISED 11/27/95: "d" note removed.	AC	4
200W	C	217		2228 Building - Catch basin (storm drain). LOCATION: south side.	< 0.10	Injection Well	E 567408.7 N 133805.5	REVISED 11/27/95: "d" note removed.	AC	4
200W	C	204		2228 Building - Catch basin (storm drain) #01. LOCATION: parking lot.	< 0.10	Injection Well	E 567219.2 N 133814.6	REVISED 12/7/95: "d" note removed.	AC	4
200W	C	205		2228 Building - Catch basin (storm drain) #02. LOCATION: parking lot.	< 0.10	Injection Well	E 567255.7 N 133814.7	REVISED 12/7/95: "d" note removed.	AC	4
200W	C	214		2228 Building - Catch basin (storm drain) #12. LOCATION: parking lot.	< 0.10	Injection Well	E 567412.7 N 133920.4	REVISED 11/27/95: "d" note removed.	AC	4
200W	C	203	4	2228 Building - Catch basin (storm drain) in driveway. This catch basin overflows to the gravel-filled drainage pit in stream #586. LOCATION: in the roadway/ driveway at the northeast corner of 2228 building.	< 0.10	Injection Well	E 567490.1 N 133908.1	Within 300' of 216-S-20	AC	4
200W	C	582		2228 Building - Catch basin (storm drain) in driveway. This catch basin overflows to the gravel-filled drainage pit in stream #586.	< 0.01	Catch Basin	E 567502.0 N 133901.0		AC	4

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Table 3-1: Active Miscellaneous Streams

Area	Source Stream	Note	Process Description	Flow (gpm)	Dispose Structure	Washington State Plan Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200W	C	384	2223 Building - Drain line collects overflow storm water from catch basin #5 and #6. Drain line is a 10x1.5" dia. perforated corrugated metal pipe. LOCATION: 20' west of catch basin #6.	< 0.01	Trunk	E 367511.8 N 133881.6		AC	4
200W	C	386	4 2223 Building - Gravelled drainage pit collects storm water from 207-41, gravel basin and overflow drain which flow catch basin #13 (stream #215) and catch basin from stream #203. LOCATION: below Grade, south of 207-41, and east of 2223 (across the road).	< 0.30	Gravel Basin	E 367512.3 N 133886.3	Within 300' of 216-B-20.	AC	4
200W	C	576	2223 Building - Injection well receiving overflow storm water from basins #212, #216, and #217. LOCATION: south of parking area between road and the fence.	< 0.30	Injection Well	E 367401.1 N 133792.9		AC	4
200W	D	576	2223 Building - Boiler condensate. LOCATION: south of deer 15, near roadway.	< 1.00	Injection Well	E 367418.6 N 133829.6	Will remain active until package boiler replaces steam lines, per ac Mail from R. Brown.	AC	E
200W	C	216	2223 Building - Storm water. LOCATION: north of Building.	< 0.10	Injection Well	E 367602.3 N 133823.7	REVISED 11/27/85: "G" was removed.	AC	4
200W	C	635	2221 Building - Storm water runoff. < 0.50	Injection Well	E 367607.3 N 133121.0		AC	4	
200W	C	637	2221 Building - Storm water runoff. < 0.50	Injection Well	E 367624.1 N 133141.3		AC	4	
200W	C	521	2221 Building - Storm water runoff. < 0.50	Injection Well	E 367612.7 N 133127.6		AC	4	
200W	CD	393	2221 Building - Storm water. LOCATION: back side, eastern end corner.	0.00	Injection Well	E 367661.9 N 133103.6	INACTIVE 1991.	STA	4

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planar Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200W	C	255		231Z Building - Air intake corridor storm drain.	< 0.01	Injection Well	E 566453.4 N 135875.9		AC	4
200W	C	256		231Z Building - Air intake corridor storm drain.	< 0.01	Injection Well	E 566453.4 N 135876.0		AC	4
200W	C	257		231Z Building - Air intake corridor storm drain.	< 0.01	Injection Well	E 566453.4 N 135876.2		AC	4
200W	D	698		231Z Building - Main steam trap.	< 0.01	Injection Well	E 566454.0 N 135799.0		AC	E
200W	C	569	d	231Z Building - Storm water. LOCATION: approximately 10' east of front door of building.	< 0.01	Injection Well	E 566309.9 N 135864.0		AC	4
200W	C	565	d	231Z Building - Storm water. LOCATION: in space between two walls on west side of building.	< 0.01	Injection Well	E 566453.4 N 135908.2	Within 300' of 216-Z-5 and -16.	AC	4
200W	C	566	d	231Z Building - Storm water. LOCATION: in space between two walls on west side of building.	< 0.01	Injection Well	E 566453.4 N 135901.7	Within 300' of 216-Z-5 and -16.	AC	4
200W	C	567	d	231Z Building - Storm water. LOCATION: in space between two walls on west side of building.	< 0.01	Injection Well	E 566453.4 N 135894.0	Within 300' of 216-Z-5 and -16.	AC	4
200W	C	568	d	231Z Building - Storm water. LOCATION: in space between two walls on west side of building.	< 0.01	Injection Well	E 566453.4 N 135887.3	Within 300' of 216-Z-5 and -16.	AC	4
200W	D	248		2345Z Building - Main steam line trap #01.	0.05	Injection Well	E 566455.5 N 135778.6		AC	E
200W	D	249		2345Z Building - Main steam line trap #02.	0.05	Injection Well	E 566455.8 N 135716.2		AC	E
200W	D	250		2345Z Building - Main steam line trap #03.	0.05	Injection Well	E 566455.8 N 135685.7		AC	E
200W	D	254	d	2345Z Building - PFP Complex main steam line trap #01.	0.05	Injection Well	E 566359.2 N 135793.7		AC	E

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposed Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200W	D	691	d	2345Z Building - PFP Complex main steam line trap #02.	< 0.01	Injection Well	E 566520.0 N 135805.0	REVISED 3/96. "d" note added.	AC	E
200W	D	247		2345Z Building - Plutonium process support line steam trap.	0.01	Injection Well	E 566433.9 N 135676.6		AC	E
200W	C	228		2345Z Building - Storm drain in stairwell to pipe tunnel #01.	< 0.01	Injection Well	E 566545.8 N 135644.9		AC	4
200W	C	231		2345Z Building - Storm drain in stairwell to pipe tunnel #06.	< 0.01	Injection Well	E 566545.8 N 135664.6		AC	4
200W	C	229		2345Z Building - Storm drain in stairwell to pipe tunnel #04.	< 0.01	Injection Well	E 566413.2 N 135633.9		AC	4
200W	C	230		2345Z Building - Storm drain in stairwell to pipe tunnel #05.	< 0.01	Injection Well	E 566410.1 N 135676.3		AC	4
200W	D	246		2345Z Building - Ventilation condensate drain from duct level.	0.01	Injection Well	E 566414.7 N 135676.3		AC	E
200W	D	225		2345ZC Building - HVAC condensate drains from roof.	0.20	Injection Well	E 566562.7 N 135644.9	Streams 225 and 226 are not duplicates.	AC	E
200W	D	226		2345ZC Building - HVAC condensate drains from roof.	0.20	Injection Well	E 566562.7 N 135644.9	Streams 221 and 226 are not duplicates.	AC	E
200W	D	234	d	241Z Building - Main steam line trap.	0.05	Injection Well	E 566511.0 N 135551.8	Within 300' of 216-Z-1 and 216-Z-2.	AC	E
200W	D	235	d	241Z Building - Waste tanks steam supply trap. Five steam traps discharge to the same injection well.	0.25	Injection Well	E 566520.2 N 135536.6	Streams 236, 237, 238, and 239 all discharge to the same injection well. Within 300' of 216-Z-1 & 2, and 216-Z-3.	AC	E
200W	C	585		2704S Building - Tile field collects overflow storm water from catch basins #1, #2, #3, #4, #5, and #7. LOCATION: northwest of building, just north of parking lot.	< 0.60	Drain Field	E 567219.0 N 133894.2	REVISED 4/96: "d" note was removed. The field extends from N34226 W74287 to N34226 W74410.	AC	4
200W	D	386	d	2704W Building - Steam condensate.	< 1.00	Injection Well	E 567940.4 N 135991.6		AC	E

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200W	D	387	d	2704W Building - Steam condensate.	< 1.00	Injection Well	E 567913.4 N 135973.6		AC	E
200W	D	388	d	2704W Building - Steam condensate.	< 1.00	Injection Well	E 567908.5 N 135973.6		AC	E
200W	D	389	d	2704W Building - Steam condensate.	< 1.00	Injection Well	E 567916.1 N 135991.3		AC	E
200W	D	390	d	2704W Building - Steam condensate.	< 1.00	Injection Well	E 567903.5 N 136003.9		AC	E
200W	D	391	d	2704W Building - Steam condensate.	< 1.00	Injection Well	E 567940.1 N 136003.9		AC	E
200W	D	392	d	2704W Building - Steam condensate.	< 1.00	Injection Well	E 567918.8 N 136003.9		AC	E
200W	C	699		2706-T Building - Storm water sump which collects storm water from paved areas between 2706-T and 221-T.	< 0.01	Injection Well	E 567543.0 N 136911.0		AC	4
200W	D	279		2707W Building - Steam condensate.	< 0.01	Injection Well	E 567919.8 N 136038.0		AC	E
200W	D	276		2707W Building - Steam condensate.	< 1.00	Injection Well	E 567940.3 N 136039.4		AC	E
200W	D	277		2707W Building - Steam condensate.	< 1.00	Injection Well	E 567939.9 N 136049.8		AC	E
200W	D	278		2707W Building - Steam condensate.	< 1.00	Injection Well	E 567915.4 N 136049.8		AC	E
200W	D	280		2707W Building - Steam condensate.	< 1.00	Injection Well	E 567933.0 N 136039.4		AC	E
200W	D	536		2707W Building - Steam condensate. LOCATION: west of building.	1.00	Injection Well	E 567908.3 N 136046.8		AC	E
200W	C	537		2707W Building - Storm water runoff. LOCATION: southeast corner of building.	1.00	Injection Well	E 567900.5 N 136040.5		AC	4
200W	D	283		2713W Building - Steam condensate. LOCATION: northeast corner of north side.	< 1.00		E 567874.9 N 136211.3	REVISED 7/17/97: Per oc:Mail from M. Gunter.	AC	E
200W	C	504		2713W Building - Storm water runoff. LOCATION: 10' west of the southeast corner of the building.	< 1.00	Injection Well	E 567877.8 N 136191.7		AC	4

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
	Water	Number								
200W	D	53		2715U Building - Steam condensate (winter only). LOCATION: southeast side of 2715U.	0.10	Drain Pad	E 567533.8 N 135005.7		AC	E
200W	D	199		2716S Building - Steam condensate. LOCATION: south side.	< 1.00	Injection Well	E 567421.0 N 133829.0		AC	E
200W	D	503		2723W Building - Steam condensate.	< 0.10	Injection Well	E 567851.0 N 136052.0		AC	E
200W	D	291		2723W Building - Steam condensate.	< 1.00	Injection Well	E 567859.3 N 136039.0		AC	E
200W	D	292		2723W Building - Steam condensate.	< 1.00	Injection Well	E 567871.6 N 136038.6		AC	E
200W	D	294		2723W Building - Steam condensate.	< 1.00	Injection Well	E 567858.2 N 136032.0		AC	E
200W	D	295		2723W Building - Steam condensate.	< 1.00	Injection Well	E 567857.0 N 136032.0		AC	E
200W	D	296		2723W Building - Steam condensate.	< 1.00	Injection Well	E 567873.4 N 136032.0		AC	E
200W	D	682		272W Building - Steam condensate.	< 1.00	Injection Well	E 567940.6 N 136138.5		AC	E
200W	D	298		272W Building - Steam condensate.	< 1.00	Injection Well	E 567913.2 N 136137.0		AC	E
200W	D	299		272W Building - Steam condensate.	< 1.00	Injection Well	E 567912.8 N 136115.9		AC	E
200W	D	300		272W Building - Steam condensate.	< 1.00	Injection Well	E 567912.8 N 136102.9		AC	E
200W	D	301		272W Building - Steam condensate.	< 1.00	Injection Well	E 567918.4 N 136084.3		AC	E
200W	D	302		272W Building - Steam condensate.	< 1.00	Injection Well	E 567934.3 N 136084.7		AC	E
200W	D	303		272W Building - Steam condensate.	< 1.00	Injection Well	E 567940.6 N 136146.7		AC	E
200W	D	304		272W Building - Steam condensate.	< 1.00	Injection Well	E 567940.6 N 136126.7		AC	E
200W	D	305		272W Building - Steam condensate.	< 1.00	Injection Well	E 567940.6 N 136132.6		AC	E
200W	D	683		272W Building - Steam condensate.	< 1.00	Injection Well	E 567936.6 N 136147.5		AC	E
200W	D	684		272W Building - Steam condensate.	< 1.00	Injection Well	E 567926.3 N 136147.5		AC	E

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200W	D	243		2734ZC Building - Steam trap.	0.05	Injection Well	E 566498.6 N 135634.1		AC	E
200W	D	227		2735Z Building - Steam supply; steam trap.	0.05	Injection Well	E 566562.7 N 135644.9		AC	E
200W	D	240		2736Z Building - Complex main steam line trap.	0.10	Injection Well	E 566471.3 N 135612.7		AC	E
200W	C	244		2736ZC Building - Steam drain.	< 0.01	Injection Well	E 566463.2 N 135560.9		AC	4
200W	D	534		277W Building - Sanitary water received from 277W Building. LOCATION: 10' east of building towards north end.	< 1.00	Injection Well	E 567831.3 N 136119.6		AC	2
200W	CD	506		274W Building - Steam condensate and storm water. LOCATION: adjacent to south wall, approximately 50' west of southwest corner of building.	< 5.00	Injection Well	E 567827.7 N 136146.7		AC	4
200W	D	306		274W Building - Steam condensate. LOCATION: adjacent to building, approximately 10' north of southwest corner.	< 5.00	Injection Well	E 567873.8 N 136151.9	REVISED 7/16/97: Modified description per cc:Mail from M. Gantner.	AC	E
200W	D	505		274W Building - Steam condensate. LOCATION: adjacent to southwest corner of building, on south wall.	< 5.00	Injection Well	E 567843.3 N 136148.9		AC	E
200W	D	507		274W Building - Steam condensate. LOCATION: approximately 10' west of the southwest corner of building, adjacent to south wall.	< 5.00	Injection Well	E 567867.5 N 136148.9		AC	E
200W	D	631		277W Building - Steam condensate from building heat is discharged to this disposal trench.	< 0.10	Trench	E 567779.3 N 136095.1	This trench is west of 277W, located in the equipment laydown area.	AC	2

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Name	Process Description	Flow (gpm)	Disposed Structure	Washington State Permit Coordinates (minutes)	Comments	Stream Status	Categorical Permit Type
200W	D	76	277W Fabrication Shop - Condensate from building heater and spray gun water. LOCATION: stream lies on right side of deer trail that runs over to the south side of 277W.	<1.00	Injection Well	E 567011.5 N 136022.9		AC	E
200W	D	75	277W Fabrication Shop - Condensate from heating burner. LOCATION: southwest side of building.	<1.00	Injection Well	E 567027.9 N 136029.3		AC	E
200W	D	637	200W Building - Building heater stream runs located inside of the building discharge to an injection well on the east side exterior of the building.	<0.01	Injection Well	E 567049.0 N 136001.9		AC	E
200W	D	343	247W High water tank overflow.	5.00	Open Trough	E 567034.0 N 136207.0	Water is potable and for general use in the 200W Area. REVISED 7/2/97: Modified coordinates per cc:Mail from M. Guster.	AC	2
200W	C	736	Central Waste Complex Mixed Waste < 0.01 Storage Pad - Atom water collection. LOCATION: just north of the Mixed Waste Storage Pad.	Trickle		E 565944.9 N 136213.4	ADDED 6/12/97: Per cc:Mail from R. Barnes.	AC	4
200W	D	453	DAC3 Trailer - HVAC - Condensate from 10 ton HVAC condenser. LOCATION: approximately 10' north of the DAC3 trailer, 12" below grade.	<0.01	Gravel Basin	E 565821.0 N 134631.3		AC	2
200W	C	708	Injection well receives storm water. LOCATION: between 277W and 2723W buildings.	<0.01	Injection Well	E 567077.0 N 136037.0	ADDED 6/9/96: Per cc:Mail from D. Klingens.	AC	4
200W	D	39	Library Storage - Steam condensate.	0.05	Injection Well	E 567254.3 N 135023.5		AC	E
200W	D	45	M0716 Building - Steam condensate.	0.05	Injection Well	E 567270.2 N 135024.7		AC	E

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Name	Process Description	Flow (lpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
		Water Number							
200W	CD	44	M0716 Fresh Shop - Stream contains acid metals water runoff. LOCATION: fenced area west of the painting booth.	6.05	Injection Well	E 567730.3 N 135863.3		AC	4
200W	D	137	Stream Trap - 20-Yard-MSS-TRP. 062 (Formerly stream trap #02). LOCATION: stream line on Beloit St. from powerhouse across 19th St. to REDOX.	< 1.00	Injection Well	E 567678.0 N 135771.0		AC	E
200W	D	655	Stream Trap - 20-Yard-MSS-TRP. 018, 019, 020.	< 0.01	Injection Well	E 567638.0 N 135928.0		AC	E
200W	D	692	Stream Trap - 20-Yard-MSS-TRP. 124 - Stream condensate. LOCATION: off stream site-line between east and west areas.	< 1.00	Injection Well	E 568177.0 N 135988.0		AC	E
200W	D	693	4 Stream Trap - 20-Yard-MSS-TRP. 125. LOCATION: off of stream site- line between east and west areas. behind 2719WBR.	< 1.00	Injection Well	E 568015.0 N 135938.0		AC	E
200W	D	138	Stream Trap 20-Yard-MSS-TRP. 003, 653 - Stream condensate discharged to French drain.	< 1.00	Injection Well	E 567736.0 N 135311.0	REVISED 7/2/97; Modified coordinates per cc/Mail from M. Custer.	AC	E
200W	D	139	Stream Trap 20-Yard-MSS-TRP. 004. LOCATION: stream line on Beloit St. from powerhouse across 19th St. to REDOX.	< 1.00	Injection Well	E 567726.0 N 135196.0		AC	E
200W	D	140	Stream Trap 20-Yard-MSS-TRP. 005. LOCATION: stream line on Beloit St. from powerhouse across 19th St. to REDOX.	< 1.00	Injection Well	E 567677.3 N 135119.0		AC	E
200W	D	141	Stream Trap 20-Yard-MSS-TRP. 006. LOCATION: behind UO.	< 1.00	Injection Well	E 567632.0 N 135861.0		AC	E

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Name	Process Description	Flow (lpm)	Disposal Structure	Washington State Planner Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200W	D	142	Stream Trap 2Q-Yard-MSS-TRP-007- Stream contains discharged to a French drain. LOCATION: corner of 1700S off 16th St.	< 1.00	Injection Well	E 567393.0 N 134972.0		AC	E
200W	D	143	Stream Trap 2Q-Yard-MSS-TRP-008- LOCATION: stream line on Beloit St. from powerhouse across 19th St. to REDOX. Open air corner of W07 long.	< 1.00	Injection Well	E 567393.0 N 134972.0		AC	E
200W	D	144	Stream Trap 2Q-Yard-MSS-TRP-009- LOCATION: stream line on Beloit St. from powerhouse across 19th St. to REDOX, off 16th St. junction to 241U and REDOX line.	< 1.00	Injection Well	E 567403.0 N 134972.0		AC	E
200W	D	145	4 Stream Trap 2Q-Yard-MSS-TRP-014- Stream contains discharged to a French drain that is located in a surface contaminated area. LOCATION: off road above railroad tracks to REDOX.	< 1.00	Injection Well	E 567222.0 N 134727.0		AC	E
200W	D	146	14 Stream Trap 2Q-Yard-MSS-TRP-015- 864. Discharge to an underground contaminated area. LOCATION: on REDOX line near cap #14.	< 1.00	Injection Well	E 567217.0 N 134369.0		AC	E
200W	D	147	6 Stream Trap 2Q-Yard-MSS-TRP-016- LOCATION: stream line on Beloit St. from powerhouse across 19th St. to REDOX, corner of fence outside REDOX.	< 1.00	Injection Well	E 567223.0 N 134062.0		AC	E
200W	D	148	Stream Trap 2Q-Yard-MSS-TRP-017- LOCATION: stream line on Beloit St. from powerhouse across 19th St. to REDOX, in front of 222S lab.	< 1.00	Injection Well	E 567316 N 133915.0	Will remain active until package boiler replace stream line, per 8/6/97 email from R. Boos.	AC	E

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
Water	Number									
200W	D	136		Steam Trap 2Q - Yard-MSS-TRP-023. LOCATION: steam line from powerhouse off of 19th St.	< 1.00	Injection Well	E 567369.0 N 135811.0	REVISED 7/2/97: Modified coordinates per cc:Mail from M. Guster.	AC	E
200W	D	134		Steam Trap 2Q - Yard-MSS-TRP-024. LOCATION: steam line from powerhouse off of 19th St., and the end of railroad track.	< 1.00	Injection Well	E 567502.0 N 135799.0		AC	E
200W	D	135		Steam Trap 2Q - Yard-MSS-TRP-025. LOCATION: steam line from powerhouse off of 19th St., and to ash disposal.	< 1.00	Injection Well	E 567471.0 N 135799.0		AC	E
200W	D	132		Steam Trap 2Q - Yard-MSS-TRP-026. LOCATION: steam line from powerhouse off of 19th St.	< 1.00	Injection Well	E 567417.0 N 135798.0	REVISED 7/2/97: Modified description and coordinates per cc:Mail from M. Guster.	AC	E
200W	D	133		Steam Trap 2Q - Yard-MSS-TRP-027. LOCATION: steam line from powerhouse off of 19th St.	< 1.00	Injection Well	E 567401.0 N 135798.0	REVISED 7/2/97: Per cc:Mail from M. Guster.	AC	E
200W	D	128		Steam Trap 2Q - Yard-MSS-TRP-028. LOCATION: steam line from powerhouse beside the road to T-Plant on 19th St. and Bridgeport.	< 1.00	Injection Well	E 567347.0 N 135799.0		AC	E
200W	D	129		Steam Trap 2Q - Yard-MSS-TRP-029. LOCATION: steam line from powerhouse beside the road to T-Plant on 19th St. and Canadian Ave.	< 1.00	Injection Well	E 567160.0 N 135806.0		AC	E
200W	D	130		Steam Trap 2Q - Yard-MSS-TRP-030. LOCATION: steam line from powerhouse beside the road to T-Plant, in front of TPP and 19th St.	< 1.00	Injection Well	E 566898.0 N 135806.0		AC	E
200W	D	131	d	Steam Trap 2Q - Yard-MSS-TRP-031. LOCATION: in front of TPP on 19th St.	< 1.00	Injection Well	E 566689.0 N 135790.0		AC	E

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (lpm)	Disposal Structure	Washington State Planar Coordinates (meters)	Comments	Stream Status	Categorical Status	Permit Type
Water	Number										
200W	D	120		Steam Trap 2Q - Yard-MSS-TRP-037. LOCATION: steam line from powerhouse beside the road to T Plant.	< 1.00	Injection Well	E 567394.0 N 136771.0		AC	E	
200W	D	121		Steam Trap 2Q - Yard-MSS-TRP-038. LOCATION: steam line from powerhouse beside the road to T Plant.	< 1.00	Injection Well	E 567398.1 N 136623.7		AC	E	
200W	D	122		Steam Trap 2Q - Yard-MSS-TRP-039. LOCATION: steam line from powerhouse beside the road to T Plant.	< 1.00	Injection Well	E 567398.5 N 136495.7		AC	E	
200W	D	123		Steam Trap 2Q - Yard-MSS-TRP-040. LOCATION: steam line from powerhouse beside the road to T Plant.	< 1.00	Injection Well	E 567394.0 N 136297.0		AC	E	
200W	D	124		Steam Trap 2Q - Yard-MSS-TRP-041. LOCATION: steam line from powerhouse beside the road to T Plant.	< 1.00	Injection Well	E 567392.0 N 136185.0		AC	E	
200W	D	125		Steam Trap 2Q - Yard-MSS-TRP-042. LOCATION: steam line from powerhouse beside the road to T Plant.	< 1.00	Injection Well	E 567401.0 N 136028.0	REVISED 7/2/97: Deleted trap 043 and modified coordinates per cc:Mail from M. Gunter.	AC	E	
200W		126		Steam Trap 2Q - Yard-MSS-TRP-043. LOCATION: steam line from powerhouse beside the road to T Plant.	< 1.00	Injection Well	E 567399.0 N 136028.0	REVISED 7/2/97: Per cc:Mail from M. Gunter.	AC	E	
200W	D	127		Steam Trap 2Q - Yard-MSS-TRP-044. LOCATION: steam line from powerhouse beside the road to T Plant.	< 1.00	Injection Well	E 567399.8 N 135918.0		AC	E	

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Deposit Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
	Water	Number								
200W	D	160		Steam Trap 2Q - Yard-MSS-TRP-045. LOCATION: front of 90 day pad/284W powerhouse.	< 1.00	Injection Well	E 567632.0 N 136014.0	REVISED 7/2/97: Modified description and coordinates per cc:Mail from M. Guster.	AC	E
200W	D	159		Steam Trap 2Q - Yard-MSS-TRP-046. LOCATION: between 283W Filter Plant and 284W Powerhouse.	< 1.00	Injection Well	E 567628.0 N 136028.0	REVISED 7/2/91: Modified description per cc:Mail from M. Guster.	AC	E
200W	D	158		Steam Trap 2Q - Yard-MSS-TRP-047. LOCATION: front of 283W raw water reservoir.	< 1.00	Injection Well	E 567572.0 N 136028.0	REVISED 7/2/97: Modified description per cc:Mail from M. Guster.	AC	E
200W	D	149		Steam Trap 2Q - Yard-MSS-TRP-048. LOCATION: steam line on Beloit St. from powerhouse across 19th St. to REDOX, by 283W raw water reservoir.	< 1.00	Injection Well	E 567506.2 N 136033.7		AC	E
200W	D	150		Steam Trap 2Q - Yard-MSS-TRP-050. LOCATION: on steam line from powerhouse across Beloit St.	< 1.00	Injection Well	E 567741.0 N 135930.0	REVISED 7/2/97: Modified description per cc:Mail from M. Guster.	AC	E
200W	D	151		Steam Trap 2Q - Yard-MSS-TRP-051. LOCATION: next to MO406.	< 1.00	Injection Well	E 567759.0 N 135930.0	REVISED 7/2/97: Modified description per cc:Mail from M. Guster.	AC	E
200W	D	152	d	Steam Trap 2Q - Yard-MSS-TRP-052. LOCATION: Steam line across Beloit St. from powerhouse on feed line to fabrication shop behind MO-406.	< 1.00	Injection Well	E 567828.0 N 135931.0		AC	E
200W	D	153	d	Steam Trap 2Q - Yard-MSS-TRP-053. LOCATION: steam line across Beloit St. from powerhouse behind MO-412.	< 1.00	Injection Well	E 567868.0 N 135940.0		AC	E
200W	D	154		Steam Trap 2Q - Yard-MSS-TRP-054. LOCATION: front of 2704W on 20th.	< 1.00	Injection Well	E 567897.0 N 136013.0	REVISED 7/2/97: Modified description per cc:Mail from M. Guster.	AC	E

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200W	D	157		Steam Trap 2Q - Yard-MSS-TRP-055. LOCATION: between HPT office and 2707W.	< 1.00	Injection Well	E 567904.0 N 136039.0	REVISED 7/2/97; Modified description and coordinates per cc:Mail from M. Gunter.	AC	E
200W	D	155		Steam Trap 2Q - Yard-MSS-TRP-056. LOCATION: between 277W and HPT office.	< 1.00	Injection Well	E 567896.0 N 136067.0	REVISED 7/2/97; Modified description and coordinates per cc:Mail from M. Gunter.	AC	E
200W	D	156		Steam Trap 2Q - Yard-MSS-TRP-057. LOCATION: corner of 2707W and machine shop.	< 1.00	Injection Well	E 567948.0 N 136055.0	REVISED 7/2/97; Modified description per cc:Mail from M. Gunter.	AC	E
200W	D	764		Steam trap 2Q-Yard-MSS-TRP-021. LOCATION: steam line from Powerhouse, at northeast corner of sub pit.	< 1.00	Injection Well	E 567648.0 N 135887.0	ADDED 7/2/97; Per cc:Mail from M. Gunter.	AC	E
200W	D	763		Steam trap 2Q-Yard-MSS-TRP-022. LOCATION: steam line from Powerhouse off of 19th St.	< 1.00	Injection Well	E 567638.0 N 135814.0	ADDED 7/2/97; Per cc:Mail from M. Gunter.	AC	E
200W	D	691		Steam Trap 2Q-Yard-MSS-TRP-036. LOCATION: T Pit.	< 0.01	Injection Well	E 567445.0 N 136779.0		AC	E
200W	D	765		Steam trap 2Q-Yard-MSS-TRP-049. LOCATION: steam line from Powerhouse by 2E3W.	< 1.00	Injection Well	E 567459.0 N 136028.0	ADDED 7/2/97; Per cc:Mail from M. Gunter.	AC	E
200W	D	647		Steam Trap 2Q-Yard-MSS-TRP-059 - Steam condensate. LOCATION: on line #803 to 2723W.	< 0.01	Injection Well	E 567890.0 N 136048.0		AC	E
200W	D	648	d	Steam Trap 2Q-Yard-MSS-TRP-068 - Steam condensate. LOCATION: line #803 west of 2704W.	< 0.01	Injection Well	E 567890.0 N 135991.0		AC	E
200W	D	649		Steam Trap 2Q-Yard-MSS-TRP-061 - Steam condensate. LOCATION: on line #806 to 2707W.	< 0.01	Injection Well	E 567912.0 N 136041.0		AC	E

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
	Water	Number								
200W	D	694		Steam Trap, 2Q-Yard-MSS-TRP-126. LOCATION: on steam line from Powerhouse across Beloit St.	< 1.00	Injection Well	E 567737.0 N 135927.0	REVISED 7/2/97: Modified description per cc:Mail from M. Custer.	AC	E
200W	D	636		Steam Trap 2Q-Yard-MSS-TRP-001,010,127,128,065 discharge to one injection well located behind the new 200W package boiler.	< 0.01	Injection Well	E 567679.0 N 135947.0		AC	E
200W	C	696	d	Storm Water Drain, located in the PPP vehicle dock that collects storm water runoff into a 12" pipe and discharges it to a drywell located within the E-field to the north.	< 0.50	Injection Well	E 566612.0 N 135782.0	Within 300' of Z-17 and Z-6 Crib.	AC	4
200W	C	729		T Plant storm water runoff from parking lot. LOCATION: T Plant parking lot, northwest of 221-T.	< 1.00	Trench	E 567444.0 N 136786.0	ADDED 7/2/97: Per fax from D. Fassett.	AC	4
200W	D	640		W-15 Sheet Metal Shop - Construction Yard - HVAC condensate. LOCATION: north side of sheet metal shop in construction yard.	0.05	Injection Well	E 567288.0 N 135910.0	REVISED 7/10/97: Stream is not a duplicate of #46, per cc:Mail from S. Conner.	AC	E
200W	D	46		W-15 Sheet Metal Shop - Steam condensate.	0.05	Injection Well	E 567288.9 N 135910.6		AC	E
200W	D	40		W-18 Insulator's Shop - Steam condensate.	0.05	Injection Well	E 567260.1 N 135829.8		AC	E
200W	D	41		W-18 Insulator's Shop - Steam condensate.	0.05	Injection Well	E 567266.0 N 135829.8		AC	E
200W	D	43		W-20 Pipefitter's Shop - Steam condensate.	0.05	Injection Well	E 567245.5 N 135862.9		AC	E
200W	D	639		W-27 Pipefitter's Shop - Construction Yard - Steam condensate. LOCATION: north end of building, west side (in construction yard).	0.05	Injection Well	E 567228.0 N 135835.0	REVISED 7/10/97: Stream is not a duplicate of #38, per cc:Mail from S. Conner.	AC	E

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Name	Note	Process Description	Flow (gpm)	Dispose Structure	Washington State Plan Coordinates (meters)	Comments	Steam Status	Categorical Permit Type
200W	D	618	W-27 PaintShop Shop - Construction Yard - Steam condensate.	0.05	Injection Well	E 567221.0 N 133021.0			AC	E
200W	D	38	W-27 PaintShop Shop and W-26 Carpenter's Shop - Steam condensate.	0.01	Injection Well	E 567221.3 N 133021.1			AC	E
200W	D	407	WRAP 1 Building mechanical room - Compartment condensate and HVAC condensate. Due to the oil below compartment walls condensate will be collected in a catch basin.	0.00	Catch Basin	E 563829.5 N 136352.7	Gravel basins are to be constructed wider than deep.	STA	2	
200W	C	424	WRAP 1 Facility Underground Bay Drain. Storm water is collected by a pump which drains to a 300 gallon tank. If full, the tank discharges to a gravel basin.	<0.01	Gravel Basin	E 566916.9 N 136311.3	REVISED 6/97: Storm water activities may take place, however, no usage or detergents will be used at the facility.	AC	4	
300	C	524	300 Area south parking lot -Storm water collection system.	1.00	Collection Basin	E 591750.0 N 113531.0	REVISED 7/2/97: Modified description and coordinates per e-mail from M. Quader.	AC	4	
300	C	713	3020 Building EMSL Facility Parking Lot. Catch basin 1 - Storm water. LOCATION: northeast corner of the building, near the parking lot.	>0.10	Catch Basin	E 594127.9 N 111346.6	REVISED 6/24/97: Area modified and building number added, per DS1 from B. Atencio.	AC	4	
300	C	713	3020 B-3240, EMSL Facility Parking Lot. Catch basin 2 - Storm water. LOCATION: northeast corner of the building, near the parking lot.	>0.10	Catch Basin	E 594120.3 N 111345.1	REVISED 6/24/97: Area modified and building number added, per DS1 from B. Atencio.	AC	4	

Table 3-1. Active Miscellaneous Streams

Area	Source Stream	Node	Process Description	Flow (gpm)	Deposited Structure	Washington State Permit Concentrations (parts/m)	Comments	Stream Status	Categorical Permit Type
300	C	714	3020 Building, EMSL Facility Parking Lot, Catch basin 3 - Storm water. LOCATION: in the parking lot on the south side of the building.	>0.10	Catch Basin	E 594062.8 N 111370.5	REVISED 6/24/97: Area modified and building number added, per DS1 from B. Alvarado.	AC	4
300	C	715	3020 Building, EMSL Facility Parking Lot, Catch basin 4 - Storm water. LOCATION: in the parking lot on the north side of the building.	>0.10	Catch Basin	E 594040.0 N 111370.1	REVISED 6/24/97: Area modified and building number added, per DS1 from B. Alvarado.	AC	4
300	C	716	3020 Building, EMSL Facility Parking Lot, Catch basin 5 - Storm water. LOCATION: in the parking lot on the east side of the building.	>0.10	Catch Basin	E 594017.1 N 111370.8	REVISED 6/24/97: Area modified and building number added, per DS1 from B. Alvarado.	AC	4
300	C	717	3020 Building, EMSL Facility Parking Lot, Catch basin 6 - Storm water. LOCATION: west of the EMSL north parking lot.	>0.10	Catch Basin	E 593990.2 N 111370.6	REVISED 6/24/97: Area modified and building number added, per DS1 from B. Alvarado.	AC	4
300	C	718	3020 Building, EMSL Facility. Catch basin 7 - Storm water. LOCATION: west central side of the EMSL building.	>0.10	Catch Basin	E 593992.5 N 111361.8	REVISED 6/24/97: Area modified and building number added, per DS1 from B. Alvarado.	AC	4
300	C	719	3020 Building, EMSL Facility. Infiltration basin 1 - Storm water. LOCATION: southwest side of the EMSL building.	>0.10	Trench	E 593949.6 N 111370.6	REVISED 6/24/97: Area modified and building number added, per DS1 from B. Alvarado.	AC	4
300	C	720	3020 Building, EMSL Facility. Infiltration basin 2 - Storm water. LOCATION: west side of the EMSL building.	>0.10	Trench	E 593961.3 N 111398.2	REVISED 6/24/97: Area modified and building number added, per DS1 from B. Alvarado.	AC	4
300	C	721	3020 Building, EMSL Facility. Infiltration basin 3 - Storm water. LOCATION: northeast side of the EMSL building.	>0.10	Trench	E 593944.2 N 1113653.4	REVISED 6/24/97: Area modified and building number added, per DS1 from B. Alvarado.	AC	4

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Table 3-1. Active Miscellaneous Streams

Area	Source Stream Name	Process Description	Flow (gpm)	Disposed Structure	Washington State Permit Coordinates (metres)	Comments	Stream Status	Categorical Permit Type
300	C 722	3020 Building - EBSL Facility. Lefthand bank 4 - Steam water.	>0.10	Trench	E 594002.8 N 113695.6	REVISED 6/24/97: Area modified and building number added, per DST from B. Atencia.	AC	4
300	C 723	3020 Building - EBSL Facility. Lefthand bank 5 - Steam water.	>0.10	Trench	E 593922.7 N 113465.3	REVISED 6/24/97: Area modified and building number added, per DST from B. Atencia.	AC	4
300	C 724	3020 Building - EBSL Facility. Lefthand bank 6 - Steam water. This unit is a component of four branch. LOCATION: west side of the EBSL building.	>0.10	Trench	E 594108.1 N 113631.3	REVISED 6/24/97: Area modified and building number, per DST from B. Atencia.	AC	4
300	C 725	3020 Building - EBSL Facility. Lefthand bank 7 - Steam water.	>0.10	Trench	E 594031.7 N 113397.1	REVISED 6/24/97: Area modified and building number, per DST from B. Atencia.	AC	4
300	D 493	300C Building - Steam condensate from steam header, HPD-TMP-007.003. LOCATION: northeast corner.	< 0.01	Injection Well	E 591632.0 N 116075.0		AC	E
300	D 267	3031 Building - HVAC condensate.	< 0.01	Injection Well	E 593979.6 N 116074.4		AC	E
300	D 266	3031 Building - Steam condensate from 1st floor of 300 main supply.	< 0.01	Injection Well	E 593979.4 N 116050.1		AC	E
300	D 451	3031 Building - Steam condensate. Labeled as Unit 14 U221 discharge to HPD-TMP-017, inside the 1st.	< 0.01	Injection Well	E 593732.0 N 116180.0	REVISED 7/2/97: Modified description per e-mail from M. Chater.	AC	E
300	D 413	303 Building - Steam condensate. LOCATION: northeast corner.	< 0.01	Injection Well	E 593747.0 N 116190.0	REVISED 7/2/97: Modified coordinates per e-mail from M. Chater.	AC	E

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
	Water	Number								
300	D	416		305 Building - Steam condensate. LOCATION: south side of building, 13' west of roll up door, 4' from edge of the building.	< 0.01	Injection Well	E 593763.2 N 116185.5		AC	E
300	D	417		305 Building - Steam condensate. LOCATION: southwest corner.	< 0.01	Injection Well	E 593722.0 N 116191.0		AC	E
300	D	449		305B Building - Steam condensate. LOCATION: southwest of building.	< 0.01	Injection Well	E 593706.3 N 116146.6		AC	E
300	C	458		305B Building - Storm water runoff. Two catch basins feed an underground pipe that drains to the ground. Catch basins each have an overflow to the process sewer. LOCATION: south of building towards the center of the building.	< 0.30	Injection Well	E 593713.8 N 116146.7	Injection well overflows to process sewer labeled SS-3 in WHC-SD-L125-ES-001 Rev 0.	AC	4
300	D	454		306E Building - HVAC condensate. LOCATION: north side of building.	< 0.01	Injection Well	E 594057.7 N 116154.8		AC	E
300	D	418		306W Building - Steam condensate. LOCATION: west side.	< 0.01	Injection Well	E 593943.0 N 116132.0		AC	E
300	C	405	d	308 Building - Storm water runoff. LOCATION: northeast corner of truck ramp.	< 0.01	Injection Well	E 594163.7 N 115819.5		AC	4
300	C	457		313 Building - Storm water runoff. Drywell fed by a system of six catch basins in and around 313 Building parking lot. LOCATION: northeast of building.	< 0.30	Injection Well	E 593880.6 N 116292.0	Labeled SS-1 in WHC-SD-L125- ES-001 Rev 0.	AC	4
300	D	626		320 Building - French drain receives effluent from irrigation lines when lines are evacuated during the fall. LOCATION: north of building.	< 0.10	Injection Well	E 593760.0 N 115530.0		AC	E

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
300	D	627		320 Building - French drain receives effluent from irrigation lines when lines are evacuated during the fall. LOCATION: northeast of building.	< 0.10	Injection Well	E 593815.0 N 115532.0		AC	E
300	D	628		320 Building - French drain receives effluent from irrigation lines when lines are evacuated during the fall. LOCATION: northeast of building.	< 0.10	Injection Well	E 593860.8 N 115510.0		AC	E
300	C	680		321 Building - Storm water runoff.	< 0.01	Injection Well	E 593807.0 N 115862.0		AC	4
300	D	453		323 Building - Steam condensate. LOCATION: south side of building near the west corner.	< 0.01	Injection Well	E 593782.9 N 115809.4		AC	E
300	C	711		324 Building - Drywell and catch basin: rockwork was installed to eliminate flooding along the east side of 324 Building. LOCATION: East side of building.	< 0.20	Gravel Basin	E 594294.7 N 115806.5	ADDED 8/96: Per cc:Mail from M. Guster.	AC	4
300	CD	425		324/316 Building - Storm water runoff and steam condensate.	< 0.05	Injection Well	E 594396.0 N 115729.0		AC	4
300	C	264		325 Building - Rain water from leaky roof. LOCATION: inside 325 Building, south side stairwell, accessed via catwalk.	< 0.01	Injection Well	E 593978.0 N 115745.0		AC	4
300	D	707		325 Building - Steam Condensate. LOCATION: west side of building.	< 0.01	Injection Well	E 593942.1 N 115790.8		AC	E
300	D	263		325 Building - Steam condensate, discharged to drywell. LOCATION: northeast corner of 325 Bldg, located beneath elevated compressed gas storage deck.	< 0.50	Injection Well	E 594023.6 N 115828.0	Injection Well No. 399-3.	AC	E
300	C	706		325 Building - Storm water runoff and fire system testing water. LOCATION: south side of building.	< 0.01	Injection Well	E 594029.0 N 115758.9	ADDED 8/2/96: Per cc:Mail from B. Atencio.	AC	4

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planner Coordinates (degrees)	Comments	Stream Status	Categorical Permit Type
300	D	333	333 Building - French drain; stream outside.	< 0.01	Injection Well	E 590612.8 N 113580.1			AC	E
300	D	513	331 Building - Stream continues. LOCATION: west side of building, outside.	< 1.00	Injection Well	E 594467.4 N 113562.8			AC	E
300	C	447	311 Building - Stream continues. LOCATION: 10' north of northwest corner.	< 0.01	Injection Well	E 594469.0 N 113562.8			AC	E
300	C	448	311 Building - Stream water runoff. DRYWELL is below grade, draining a amount of four catch basins. LOCATION: Drywell is approximately 60' south of 313 Building.	< 0.01	Injection Well	E 594469.0 N 113562.8	Labeled SB-2 in WHC-SD-L125. ES-001, Rev. 0.	Injection Well #32.	AC	4
300	C	455	313 Building - Stream water runoff. DRYWELL is below grade, draining a amount of four catch basins. LOCATION: Drywell is approximately 60' south of 313 Building.	< 0.50	Injection Well	E 593965.3 N 116291.3	Labeled SB-2 in WHC-SD-L125. AC		AC	4
300	C	456	313 Building - Stream water runoff. LOCATION: east side of building near south end.	< 0.50	Injection Well	E 593965.3 N 116179.4	Injection well overlaid to process sewer labeled SB-3 in WHC-SD-L125-ES-001, Rev. 0.		AC	4
300	D	381	306A Building - Stream continues. HFD-TRU-057. LOCATION: north outside.	< 0.01	Injection Well	E 593867.1 N 115977.2	REVISED 7/2/97: Modified description per cc/Mat from M. Guster.	AC	E	
300	D	382	306A Building - Stream continues. < 0.01	Injection Well	E 593861.0 N 115976.0	REVISED 7/2/97: Modified coordinates per cc/Mat from M. Guster.	AC	E		
300	C	403	301D Building - Stream water runoff. LOCATION: west of building, outside of fenced area.	< 0.05	Injection Well	E 594324.0 N 115661.0	Injection Well #26. REVISED 7/2/97: Modified coordinates per cc/Mat from M. Guster.	AC	4	

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Name	Process Description	Flow (gpm)	Disposed Structure	Washington State Planar Coordinate (meters)	Comments	Stream Status	Categorical Permit Type
Water Number									
300	D	700	3621D Building - Steen condensate from heating valve is routed to an injection well in a concrete valve pit.	< 0.10	Injection Well	E 392433.9 N 11581.6		AC	E
			LOCATION: Outside of the 3621D area.						
300	D	633	c 366 Building - Steen Trap 30-Yard-LPD- LPD-TRX-634 off steam lines on top of the fuel burner. There is a potential for fuel oil to contaminate the steam condensate. LOCATION: northeast corner of 366 building	< 0.01	Injection Well	E 393931.0 N 11601.0	REVISED 7/2/97: Modified description per occMail from M. Quater.	AC	E
			station - Steam trap 30-Yard-LPD- TRP-53, 56. Potential for fuel oil contamination discharge. LOCATION: northeast corner.						
300	D	344	c 366 Building - Fuel oil burner heating station - Steam trap 30-Yard-LPD- TRP-53, 57, 58. Potential for fuel oil to contaminate the steam condensate. LOCATION: northeast corner.	< 0.10	Injection Well	E 393943.9 N 11602.1	REVISED 7/2/97: Modified description per occMail from M. Quater.	AC	E
300	C	410	3703 Building - Steam water return < 0.01 LOCATION: northeast corner.	REvised 7/2/97: This steam water discharge is an injection well without a surface access, per occMail from M. Quater.	Injection Well	E 393671.0 N 116064.0	REvised 7/2/97: This steam water discharge is an injection well without a surface access, per occMail from M. Quater.	AC	4
300	C	412	3703 Building - Steam water return < 0.01 LOCATION: northeast corner.	REvised 7/2/97: This steam water discharge is an injection well without a surface access, per occMail from M. Quater.	Injection Well	E 393673.0 N 116043.0	REvised 7/2/97: This steam water discharge is an injection well without a surface access, per occMail from M. Quater.	AC	4
300	C	413	3703 Building - Steam water return < 0.01 LOCATION: northeast corner.	REvised 7/2/97: This steam water discharge is an injection well without a surface access, per occMail from M. Quater.	Injection Well	E 393651.0 N 116043.0	REvised 7/2/97: This steam water discharge is an injection well without a surface access, per occMail from M. Quater.	AC	4

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (easting)	Comments	Stream Status	Categorical Permit Type
Water	Number									
300	CD	515		3706 Building - Discharge point for fire sprinkler system water, consisting of a half-inch saddle line and a 2" main line. LOCATION: center of north side.	< 1.00	Injection Well	E 593761.4 N 113976.0		AC	E
300	D	430		3706 Building - Steam condensate. HPD-TRP-021. LOCATION: Across Apple Street on main stream line.	< 0.01	Injection Well	E 593739.0 N 113993.0	REVISED 7/2/97: Modified description per cc:Mail from M. Guster.	AC	E
300	D	361		3706 Building - Steam condensate. LOCATION: south wall of courtyard that is accessed via the First Aid Station.	< 0.01	Injection Well	E 593780.7 N 113954.1	REVISED 7/2/97: Stream status is active per cc:Mail from M. Guster.	AC	E
300	C	364		3706 Building - Storm water runoff. LOCATION: central portion of courtyard that is accessed via the First Aid Station.	< 0.01	Injection Well	E 593774.6 N 113957.1	Injection well with overflow to the process sewer.	AC	4
300	C	363		3706 Building - Storm water runoff. LOCATION: central portion of the courtyard that is accessed via the First Aid Station.	< 0.01	Injection Well	E 593777.7 N 113957.1	Injection well with overflow to the process sewer.	AC	4
300	C	359		3706 Building - Storm water runoff. LOCATION: northeast corner.	< 0.01	Injection Well	E 593713.7 N 113973.3	Injection Well #22.	AC	4
300	D	432		3706A Building - Steam condensate. HPD-TRP-024, -025. LOCATION: southern corner.	< 0.01	Injection Well	E 593819.2 N 113929.2	Injection Well #28. REVISED 7/2/97: Per cc:Mail from M. Guster.	AC	E
300	D	327		3707B Building - HPD-TRP-009 steam condensate from pit U57. LOCATION: north, center of building.	< 0.01	Injection Well	E 593846.0 N 116003.0	REVISED 7/2/97: Per cc:Mail from M. Guster.	AC	E

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (ppm)	Dispose Structure	Washington State Planar Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
300	D	325		3707B Building - Steam condensate. On main steam line, labeled HPD-V. 013C - Does not discharge to an engineered structure. LOCATION: southeast.	< 0.01	To Ground	E 593855.0 N 115994.0		AC	E
300	D	443		3707D Building - Steam condensate. LOCATION: southeast corner.	< 0.01	Injection Well	E 593874.7 N 116044.5	Injection Well #10.	AC	E
300	C	441		3707D Building - Steam drain. LOCATION: north side of building parking lot, labeled D1.	< 0.01	Injection Well	E 593874.3 N 116073.0		AC	4
300	C	442		3707D Building - Steam drain. LOCATION: north side of building parking lot, labeled D2.	< 0.01	Injection Well	E 593893.3 N 116073.3		AC	4
300	D	423		3708 Building - Steam condensate. LOCATION: east side.	< 0.01	Injection Well	E 593831.3 N 116029.8		AC	E
300	D	338		3709 Building - Steam condensate. LOCATION: northeast.	< 0.01	Injection Well	E 593685.2 N 115974.8	Injection Well, Labeled as F.D. #3.	AC	E
300	D	355		3709A Building - Steam trap. LOCATION: south side.	< 0.01	Injection Well	E 593683.7 N 115737.1		AC	E
300	D	351		3712 Building - Steam condensate. LOCATION: east center.	< 0.01	Injection Well	E 593923.7 N 116149.8		AC	E
300	D	437		3712 Building - Steam condensate. LOCATION: north center of building.	< 0.01	Injection Well	E 593911.0 N 116165.6		AC	E
300	CD	333		3713 Building - Steam condensate and steam water. LOCATION: northwest of building.	< 0.02	Injection Well	E 593710.0 N 116069.0	Injection Well, Labeled as F.D. #7.	AC	4
300	D	435		3713 Building - Steam condensate from 308 Area main line, HPD-TRP- 012. LOCATION: southwest of building under overhead steam line.	< 0.01	Injection Well	E 593706.0 N 116032.3	REVISED 7/2/97: Modified description per cc:Mail from M. Gunter.	AC	E

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Name	Process Description	Flow (gpm)	Dispose Structure	Washington State Plan Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
300	D	312	3713 Building - Steam condensate. HFD-TFR-019; LOCATION: 307 From northeast corner.	< 1.00	Injection Well	E 593706.9 N 116030.9		AC	E
300	CD	344	3713 Building - Steam water and steam condensate. LOCATION: 307 From east side near southeast corner.	< 1.00	Injection Well	E 593725.0 N 116033.0	REVISED 7/2/97; Modified coordinates per e-mail from M. Guster.	AC	4
300	CD	766	3713 Building - Steam water and steam condensate. LOCATION: North side of 3713 under dormer steam line.	< 1.00	Injection Well	E 593711.0 N 116076.0	ADDED 7/2/97; Per e-mail from M. Guster.	AC	4
300	D	434	3714 Building - Steam condensate. < 0.01	Injection Well	E 593403.9 N 115002.7		AC	E	
300	D	678	3715 Building - Steam condensate off < 0.01 at main header steam trap HFD-TFR- 005.	Injection Well	E 593927.0 N 116079.0		AC	E	
300	D	350	3717 Building - Steam condensate. < 0.01 HFD-TFR-022; LOCATION: northeast corner of building.	Injection Well	E 593324.0 N 115994.0	REVISED 7/2/97; Modified description and coordinates per e-mail from M. Guster.	AC	E	
300	D	180	3717 Building - steam condensate. < 0.01 LOCATION: east side of building	Injection Well	E 593116.9 N 116016.0	REVISED 7/2/97; Modified description and coordinates per e-mail from M. Guster.	AC	E	
300	D	329	3717 Building - Steam condensate. LOCATION: northeast mid very between corner and northeast corner of building.	< 0.01	Injection Well	E 593801.0 N 116000.0	REVISED 7/2/97; Modified coordinates per e-mail from M. Guster.	AC	E
300	D	324	3717 Building - Steam trap line on main header; HFD-TFR-022; LOCATION: northeast corner.	< 0.01	Injection Well	E 593775.6 N 115993.2	REVISED 7/2/97; Modified description per e-mail from M. Guster.	AC	E
300	C	343	3717 Building - Steam water. LOCATION: east side mid very between corner and northeast corner.	< 1.00	Injection Well	E 593806.7 N 116003.3		AC	4

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Plane Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
Water	Number									
300	D	323		3717B Building - Steam condensate. LOCATION: center of north wall.	< 0.01	Injection Well	E 593803.0 N 116048.2		AC	E
300	D	340		3718 Building - Steam condensate. LOCATION: southwest corner.	< 0.01	Injection Well	E 594095.2 N 115947.3	Injection Well, Labeled as F.D. #40.	AC	E
300	D	436		3722 Building - Steam condensate, HPD-TRP-013, 014. LOCATION: northeast corner.	< 0.01	Injection Well	E 593745.3 N 116071.0	Injection Well #6.	AC	E
300	D	363		3730 Building - Steam condensate. LOCATION: near the southwest corner.	< 0.01	Injection Well	E 593821.0 N 115908.0		AC	E
300	D	421		3730 Building - Steam condensate. LOCATION: northeast corner.	< 0.01	Injection Well	E 593856.6 N 115948.8		AC	E
300	D	269		3731 Building - Steam condensate. LOCATION: center of east side.	< 0.50	Injection Well	E 594132.2 N 116019.5		AC	E
300	C	517		3731 Building - Steam water runoff. LOCATION: northeast corner roof drain.	< 1.00	Injection Well	E 594132.2 N 116030.0		AC	4
300	C	518		3731 Building - Steam water runoff. LOCATION: southeast corner roof drain.	< 1.00	Injection Well	E 594132.3 N 116010.0		AC	4
300	D	444		3732 Building - Steam condensate; trap off main 300 area steam line, HPD-TRP-011, 012. LOCATION: north of building.	< 0.01	Injection Well	E 593827.0 N 116073.0	Injection Well #12. REVISED 7/2/97: Modified description per cc: Mail from M. Guster.	AC	E
300	D	399		3745 Building - Steam condensate. LOCATION: 30' south of building.	< 0.05	Injection Well	E 593725.0 N 115856.6	Injection Well #2.	AC	E
300	D	398		3745 Building - Steam condensate. LOCATION: east side.	< 0.05	Injection Well	E 593729.4 N 115870.6	Injection Well #3.	AC	E
300	D	397		3745 Building - Steam condensate. LOCATION: northeast corner.	< 0.05	Injection Well	E 593729.0 N 115899.3	Injection Well #1.	AC	E

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
300	D	491	3762 Building - Steam condensate. LOCATION: northeast of building.	< 0.01	Injection Well	E 594095.4 N 115933.2	Injection Well #42.		AC	E
300	D	446	377 Building - Steam condensate. LOCATION: north of building.	< 0.05	Injection Well	E 593633.6 N 116174.5	Injection Well #36.		AC	E
300	C	378	3790 Building - Receives storm water. < 0.01 overflow from streams 373, 374, 375, 376, 377, 514, and 767. LOCATION: east side.	Injection Well	E 594032.4 N 115618.3	Injection Well, Labeled as F.D. #19. REVISED 7/2/97; Modified description per cc:Mail from M. Gunter.		AC	4	
300	C	377	3790 Building - Receives storm water. LOCATION: northeast corner.	< 0.01	Injection Well	E 594018.3 N 115641.4	Injection Well, Labeled as F.D. #18.	AC	4	
300	C	373	3790 Building - Receives storm water. LOCATION: southwest.	< 0.01	Injection Well	E 594019.2 N 115994.2		AC	4	
300	C	375	3790 Building - Receives storm water. LOCATION: west side of building, north of entrance door.	< 0.01	Injection Well	E 594018.8 N 115617.8	Injection Well, Labeled as F.D. #16.	AC	4	
300	C	376	3790 Building - Receives storm water. LOCATION: west side of building, south of entrance door.	< 0.01	Injection Well	E 594019.0 N 115608.3	Injection Well, Labeled as F.D. #17.	AC	4	
300	C	767	3790 Building - Storm water runoff. LOCATION: east side of building at bottom of stairwell.	< 1.00	Injection Well	E 594049.0 N 115613.0	ADDED 7/2/97: Per cc:Mail from M. Gunter.	AC	4	
300	C	374	3790 Building - Storm water. LOCATION: west side of building at the bottom of the north stairwell.	< 0.01	Injection Well	E 594018.6 N 115631.9		AC	4	
300	C	514	3790 Building - Storm water. LOCATION: west side of building at the bottom of the south stairwell.	0.01	Injection Well	E 594019.1 N 115998.7		AC	4	
300	D	429	382 Building - Steam condensate. LOCATION: northwest corner.	< 0.01	Injection Well	E 593885.3 N 115968.2		AC	E	
300	D	400	MO016 Building - Steam condensate. LOCATION: 23' south of building.	< 0.05	Injection Well	E 593716.0 N 115827.0		AC	E	

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Table 3-1: Active Miscellaneous Streams

Area	Source	Stream Name	Process Description	Flow (gpm)	Disposed Structure	Washington State Plan Coordinates (meters)	Comments	Stream Status	Categorical Param. Type
300	D	414	Stream confluence from 300 Area main stream header. LOCATION: east side, northeast of 300B, northeast of 304.	< 0.01	Injection Well	E 3933029 N 1169750	Injection well with overflow to process sewer. REVISED 7/2/97: Modified description and coordinates per cc-Mail from M. Gunter.	AC	E
300	D	319	Stream confluence wpt of stream 300 Area main line. LOCATION: southwest of 304 Building.	< 0.01	Injection Well	E 3933754 S 1164310	Injection Well. Labeled as F.D. 826. REVISED 7/2/97: Modified description and coordinates per cc-Mail from M. Gunter.	AC	E
300	D	774	Stream wpt 30-L24 HFD-TRW-016. < 0.01	Injection Well	E 3933699 S 1161910	ADDED 7/2/97: Per cc-Mail from M. Gunter.	AC	AC	E
300	D	775	Stream wpt 30-L25 HFD-TRW-013. < 0.01	Injection Well	E 3934689 S 1158940	ADDED 7/2/97: Per cc-Mail from M. Gunter.	AC	AC	E
300	D	770	Stream wpt 30-L26 HFD-TRW-026. < 0.01	Injection Well	E 3933748 S 1157720	ADDED 7/2/97: Per cc-Mail from M. Gunter.	AC	AC	E
300	D	769	Stream wpt 30-L28 HFD-TRW-027. < 0.01	Injection Well	E 3933717 S 1157720	ADDED 7/2/97: Per cc-Mail from M. Gunter.	AC	AC	E
300	D	768	Stream wpt 30-L29 HFD-TRW-028. < 0.01	Injection Well	E 3933717 S 1157720	ADDED 7/2/97: Per cc-Mail from M. Gunter.	AC	AC	E
300	D	771	Stream wpt 30-L34 HFD-TRW-029. < 0.01	Injection Well	E 3933681 S 1157720	ADDED 7/2/97: Per cc-Mail from M. Gunter.	AC	AC	E

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Dispose Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
Water	Number									
300	D	772		Steam trap 30-U45 HPD-TRP-020. LOCATION: off an underground steam line, southwest of 3719, labeled U45.	< 0.01	Injection Well	E 593634.0 N 115991.0	ADDED 7/2/97; Per cc:Mail from M. Guster.	AC	E
300	D	773		Steam trap HPD-TRP-016. LOCATION: southeast of 303C.	< 0.01	Injection Well	E 593834.0 N 116049.0	ADDED 7/2/97; Per cc:Mail from M. Guster.	AC	E
300	D	332		West high tank overflow. LOCATION: Water tower south of 3711 Building.	< 0.01	Injection Well	E 594037.1 N 116008.6	REVISED 7/2/97: The steam contributor to this stream has been abandoned per cc:Mail from M. Guster.	AC	2
400	C	732		400 Area Drainage Trench, 400 Area storm drain outfall trench 400-3. LOCATION: northeast corner of the 400 Area.	< 0.01	Trench	E 587826.5 N 123575.2	REVISED 7/2/97: Modified process description and coordinates per cc:Mail from M. Guster.	AC	4
400	CD	19		408 South - Receives condensate from heat exchanger and 491-W Heat Transport Building, west side. Receives storm water that may be pumped from a nearby collection sump.	< 0.02	Injection Well	E 587539.3 N 123055.9	Injection Well #05. This stream receives the heat exchanger condensate formerly routed to stream #20 (Injection Well #06).	AC	4
400	CD	17		408A East dump heat exchanger - Storm water.	< 0.01	Injection Well	E 587701.3 N 123081.9	Injection Well #03.	AC	4
400	C	20		408C Heat exchanger - Receives storm water that may be pumped from a nearby collection sump.	< 0.01	Injection Well	E 587534.0 N 123064.8	Stream previously discharged to Injection Well #06. Heat exchanger condensate has been routed to Injection Well #05 (stream #19).	AC	4
400	C	26		453 B Switch Gear Pad - Storm water.	< 0.01	Injection Well	E 587544.8 N 123043.0	Injection Well #11.	AC	4
400	C	27		453C Switch Gear Pad - Storm water.	< 0.01	Injection Well	E 587539.5 N 123143.9	Injection Well #07.	AC	4
400	CD	16		4621E Auxiliary Equipment Building - Condensate from HVAC system and storm water.	< 0.01	Injection Well	E 587665.5 N 123160.3	Injection Well #02.	AC	24

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
Water	Number									
400	CD	21		4621W Auxiliary Equipment Building - Condensate from HVAC cooler, floor drains, and roof storm water. LOCATION: west side.	< 0.01	Injection Well	E 587559.3 N 123142.4	Injection Well #07.	AC	24
400	D	22		4621W Auxiliary Equipment Building. Receives condensate from HVAC cooler. LOCATION: southwest of building.	< 0.01	Injection Well	E 587572.8 N 123157.6	Injection Well #08.	AC	2
400	D	15		4703 Building (PFIF Control Building) - Condensate from HVAC system.	< 0.01	Injection Well	E 587639.3 N 123184.0	Injection Well #1B.	AC	E
400	C	469		4713B Building - Storm water runoff from paved area. LOCATION: southwest corner of building.	< 0.50	Trench	E 587440.3 N 123030.2	REVISED 2/97: This area is not an injection well. The site collects storm water and discharges it to the 400 Area storm water collection system.	AC	4
400	D	14		4717 Reactor Service Building - Condensate from HVAC system.	< 0.01	Injection Well	E 587629.2 N 123184.0	Injection Well #1A.	AC	E
400	C	28		4721 Gas Turbine Building - Floor drain route storm water to an injection well on the west side of the building.	< 0.01	Injection Well	E 587488.7 N 123147.6	REVISED 2/97: The injection well is below grade.	AC	4
400	D	29		4722C Building - originates from a water heater. LOCATION: west side of the building.	< 0.01	Injection Well	E 587460.3 N 122909.1		AC	2
400	A	34		480A Pumphouse, pump packing leakage - Well water from well pump P-14.	< 0.01	Injection Well	E 587503.2 N 123458.6		AC	2
400	A	35		480B Pumphouse, pump packing leakage - Well water from well pump P-15.	< 0.01	Injection Well	E 587652.5 N 123459.0		AC	2

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Dispose Structure	Washington State Plane Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
400	A	36		480D Pumphouse, pump packing leakage - Well water from well pump P-16.	< 0.01	Injection Well	E 587523.6 N 123293.3		AC	2
400	D	23		481 Pumphouse - Sanitary water from pump seal leaks and salt water from water sulfide regeneration.	< 0.10	Injection Well	E 587521.4 N 123163.4	Injection Well #09.	AC	2
400	C	25		482A Building - T-38 Water Storage Tank and Equipment Room floor drain - Storm water off water storage tank and floor drains.	< 0.01	Injection Well	E 587516.3 N 123181.0	Injection Well #10 receives the effluent routed from the floor drains.	AC	4
400	C	24		482A Building - T-87 Water Storage and Tank Equipment Room floor drain - Storm water off water storage tank and floor drains.	< 0.01	Injection Well	E 587546.3 N 123186.2	Injection Well #10A receives the effluent routed from the floor drains.	AC	4
400	CD	18		491E Host Transport Building - Storm water off roof of HTS-E and condensate from HVAC system. LOCATION: east side of 491E.	< 0.01	Injection Well	E 587655.1 N 123033.7	Injection Well #04.	AC	24
400	BC	734		Storm water drainage ditch 400-35. LOCATION: southwest corner of the 400 Area.	< 0.01	Catch Basin	E 586987.4 N 122720.6		AC	4
600	C	778		609D-Sanitary water from fire fighter training and storm water runoff.	< 0.16	Trench	E 570638.0 N 135783.0	ADDED 7/16/97: Per cc:Mail from M. Gunter.	AC	4
600	C	731		616 Nonradioactive Dangerous Waste Storage Facility - Two storm water collection trenches drain to the same french drain. LOCATION: north side of the building.	< 0.01	Injection Well	E 570690.0 N 135989.0	ADDED 6/97: Per cc:Mail from B. Barnes. Also known as 616-W2-1. All liquid levels are sampled before discharge.	AC	4
600	D	746		Storm trap - 2P-Yard-MSS-TRP-111 (formerly TLT-11). LOCATION: off of storm tie-line between 200E and 200W.	< 1.00	Injection Well	E 571258.0 N 135841.0	ADDED 7/2/97: Per cc:Mail from M. Gunter.	AC	E

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Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
600	D	168		Steam trap - 2P-Yard-MSS-TRP-107. LOCATION: off of steam tie-line between 200E and 200W.	< 1.00	Injection Well	E 572549.0 N 135790.0	REVISED 7/2/97: Deleted trap 103 and 106; modified coordinates per cc:Mail from M. Gunter.	AC	E
600	D	748		Steam trap - 2P-Yard-MSS-TRP-108 (Formerly TLT-08). LOCATION: off of steam tie-line between 200E and 200W.	< 1.00	Injection Well	E 571830.0 N 135779.0	ADDED 7/2/97: Per cc:Mail from M. Gunter.	AC	E
600	D	167		Steam trap - 2P-Yard-MSS-TRP-109 (Formerly TLT-09). LOCATION: off of steam tie-line between 200E and 200W.	< 1.00	Injection Well	E 571879.0 N 135779.0	REVISED 7/2/97: Deleted trap 108 and modified coordinates per cc:Mail from M. Gunter.	AC	E
600	D	747		Steam trap - 2P-Yard-MSS-TRP-110 (Formerly TLT-10). LOCATION: off of steam tie-line between 200E and 200W.	< 1.00	Injection Well	E 571239.0 N 135841.0	ADDED 7/2/97: Per cc:Mail from M. Gunter.	AC	E
600	D	166		Steam trap - 2P-Yard-MSS-TRP-112 (Formerly TLT-12). LOCATION: off of steam tie-line between 200E and 200W.	< 1.00	Injection Well	E 571028.0 N 135834.0	REVISED 7/2/97: Deleted trap 110 and 111; modified coordinates per cc:Mail from M. Gunter.	AC	E
600	D	745		Steam trap - 2P-Yard-MSS-TRP-113 (Formerly TLT-13). LOCATION: off of steam tie-line between 200E and 200W.	< 1.00	Injection Well	E 570938.0 N 135841.0	ADDED 7/2/97: Per cc:Mail from M. Gunter.	AC	E
600	D	744		Steam trap - 2P-Yard-MSS-TRP-114 (Formerly TLT-14). LOCATION: off of steam tie-line between 200E and 200W.	< 1.00	Injection Well	E 570840.0 N 135876.0	ADDED 7/2/97: Per cc:Mail from M. Gunter.	AC	E
600	D	743		Steam trap - 2P-Yard-MSS-TRP-115 (Formerly TLT-15). LOCATION: off of steam tie-line between 200E and 200W.	< 1.00	Injection Well	E 570791.0 N 135876.0	ADDED 7/2/97: Per cc:Mail from M. Gunter.	AC	E

Table 3-1. Active Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Dispose Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
600	D	163		Steam trap - 2P-Yard-MSS-TRP-116 < 1.00 (Formerly TLT-16). LOCATION: off of stream tie-line between 200E and 200W.		Injection Well	E 570498.0 N 135883.0	REVISED 7/2/97: Deleted trap 113, 114, and 115; modified coordinates per cc:Mail from M. Guster.	AC	E
600	D	742		Steam trap - 2P-Yard-MSS-TRP-117 < 1.00 (Formerly TLT-17). LOCATION: off of stream tie-line between 200E and 200W.		Injection Well	E 570185.0 N 135876.0	ADDED 7/2/97: Per cc:Mail from M. Guster.	AC	E
600	D	164		Steam trap - 2P-Yard-MSS-TRP-118 < 1.00 (Formerly TLT-18). LOCATION: off of stream tie-line between 200E and 200W.		Injection Well	E 569982.0 N 135869.0	REVISED 7/2/97: Deleted trap 117 and modified coordinates per cc:Mail from M. Guster.	AC	E
600	D	741		Steam trap - 2P-Yard-MSS-TRP-119 < 1.00 (Formerly TLT-19). LOCATION: off of stream tie-line between 200E and 200W.		Injection Well	E 569676.0 N 135918.0	ADDED 7/2/97: Per cc:Mail from M. Guster.	AC	E
600	D	740		Steam trap - 2P-Yard-MSS-TRP-120 < 1.00 (Formerly TLT-20). LOCATION: off of stream tie-line between 200E and 200W.		Injection Well	E 569369.0 N 135918.0	ADDED 7/2/97: Per cc:Mail from M. Guster.	AC	E
600	D	163		Steam trap - 2P-Yard-MSS-TRP-121 < 1.00 (Formerly TLT-21). LOCATION: off of stream tie-line between 200E and 200W.		Injection Well	E 569062.0 N 135939.0	REVISED 7/2/97: Deleted trap 119 and 120; modified coordinates per cc:Mail from M. Guster.	AC	E
600	D	162		Steam trap - 2P-Yard-MSS-TRP-123 < 1.00 (Formerly TLT-23). LOCATION: off of stream tie-line between 200E and 200W.		Injection Well	E 568483.0 N 135932.0	REVISED 7/2/97: Deleted trap 122 and modified coordinates per cc:Mail from M. Guster.	AC	E
600	D	739		Steam trap - 2P-Yard-MSSS-TRP- 122 (Formerly TLT-22). LOCATION: off of stream tie-line between 200E and 200W.	< 1.00	Injection Well	E 568762.0 N 135960.0	ADDED 7/2/97: Per cc:Mail from M. Guster.	AC	E
700	C	776		712 Building - Storm water runoff. LOCATION: south of 712.	0.50	Injection Well	E 594307.0 N 105898.0		AC	4

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Table 3-1. Active Miscellaneous Streams

Area	Source Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Plan Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
700	C	636	712B Building: This system collects storm water from the area surrounding the 712 buildings. LOCATION: ground beneath gray area on west side of 712B.	< 0.01	Trench	E 594267.0 N 101941.0	REVISED 7/2/97: Modified description per e-mail from M. Quarter.	AC	4
A1	A	703	Pressure relief values throughout site < 0.01	To Ground			ADDED 6/96: Per e-mail from M. Quarter. This item is a generic entry for pressure relief values across the site. Coordinates not applicable.	AC	2
A1	B	704	Pressure relief values throughout site < 0.01	To Ground			ADDED 6/96: Per e-mail from M. Quarter. This item is a generic entry for pressure relief values across the site. Coordinates not applicable.	AC	2
A1	D	705	Pressure relief values throughout site < 0.01	To Ground			ADDED 6/96: Per e-mail from M. Quarter. This item is a generic entry for pressure relief values across the site. Coordinates not applicable.	AC	2

Table 3-1. Active Miscellaneous Streams

Area	Source Water Number	Stream Name	Note	Process Description	Flow (gpm)	Dispose Structure	Washington State Plan Coordinates (minutes)	Comments	Stream Status	Categorical Permit Type
Source Water:										
A= Groundwater B= Surface Water C= Storm Water D= Potable Water										
Stream Status:										
NA= Not Applicable AC= Active SA= Source Abandoned STA= Source Temporarily Abandoned SPA= Source Permanently Abandoned DPA= Disposal Site Permanently Abandoned										
Permit Types:										
E= Exempt NA= Not Applicable 1,2,3,4= Categorical Permit Order as defined in the Plan and Schedule										
Notes:										
a= This is route is obsolete b= Streams discharging to an injection well within a surface contaminated area c= Potentially contaminated streams d= Disposal site within 300 feet of an active/inactive crib, ditch, or trench										

Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area Water	Source Number	Stream Note	Process Description	Flow (gpm)	Dispose Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
100B	672	181B Building - Abandoned injection well. LOCATION: in front of building.	0.00	Injection Well	E 564679.0 N 145230.0	ELIMINATED 7/26/95: Per cc:Mail from D. Herman dated 7/19/95.	SA	NA	
100B	D 74	182B Building - Sanitary water from sinks, drinking fountain.	0.00	Drain Field	E 564768.3 N 144668.3	ELIMINATED 1/97: Stream discharge to the septic system.	SPA	NA	
100D	673	181D Building.	0.00	Injection Well	E 572790.2 N 151724.9	ELIMINATED: Injection well has been abandoned.	SA	NA	
100N	D 727	151-N Building - Service sink. LOCATION: just off the south wall of the 151-N Building.	0.00	Injection Well	E 573156.0 N 149303.6	ELIMINATED 7/11/97: Per cc:Mail from J. Woolard.	SPA	NA	
100N	D 728	153-N Building - Confined space is involved. LOCATION: just off northeast corner of building.	< 0.00	Injection Well	E 571296.0 N 149367.5	ELIMINATED 7/11/97: Per cc:Mail from J. Woolard.	SPA	NA	
1100	C 181	1100 Area - Parking lot drain.	0.00	Catch Basin	E 593513.4 N 110723.9	ELIMINATED 10/94: Paved over.	DPA	NA	
1100	C 182	1100 Area - Parking lot drain.	0.00	Catch Basin	E 593513.9 N 110693.4	ELIMINATED 10/94: Paved over.	DPA	NA	
1100	C 183	1100 Area - Parking lot drain.	0.00	Catch Basin	E 593510.9 N 110691.4	ELIMINATED 10/94: Paved over.	DPA	NA	
1100	C 184	1100 Area - Parking lot drain.	0.00	Catch Basin	E 593510.3 N 110937.1	ELIMINATED 10/94: Paved over.	DPA	NA	
1100	C 185	1100 Area - Parking lot drain.	0.00	Catch Basin	E 593432.2 N 110661.9	ELIMINATED 10/94: Paved over.	DPA	NA	
1100	C 186	1100 Area - Parking lot drain.	0.00	Catch Basin	E 593437.0 N 110741.0	ELIMINATED 10/94: Paved over.	DPA	NA	
1100	C 187	1100 Area - Parking lot drain.	0.00	Catch Basin	E 593435.8 N 110820.2	ELIMINATED 10/94: Paved over.	DPA	NA	
1100	C 188	1100 Area - Parking lot drain.	0.00	Catch Basin	E 593435.1 N 110868.9	ELIMINATED 10/94: Paved over.	DPA	NA	

Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area Water Number	Source Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
1100	C 189		1100 Area - Parking lot drain.	0.00	Catch Basin	E 593434.6 N 110905.5	ELIMINATED 10/94: Paved over.	DPA	NA
1100	C 190		1100 Area - Parking lot drain.	0.00	Catch Basin	E 593916.1 N 124639.7	ELIMINATED 10/94: Paved over.	DPA	NA
1100	C 191		1100 Area - Parking lot drain.	0.00	Catch Basin	E 593916.1 N 124639.7	ELIMINATED 10/94: Paved over.	DPA	NA
1100	C 192		1100 Area - Parking lot drain.	0.00	Catch Basin	E 593561.3 N 110572.3	ELIMINATED 10/94: Paved over.	DPA	NA
1100	C 193		1100 Area - Parking lot drain.	0.00	Catch Basin	E 593582.6 N 110572.6	ELIMINATED 10/94: Paved over.	DPA	NA
1100	C 194		1100 Area - Parking lot drain.	0.00	Catch Basin	E 593582.4 N 110587.8	ELIMINATED 10/94: Paved over.	DPA	NA
1100	C 195		1100 Area - Parking lot drain.	0.00	Catch Basin	E 593635.4 N 110611.5	ELIMINATED 10/94: Paved over.	DPA	NA
1100	C 196		1100 Area - Parking lot drain.	0.00	Catch Basin	E 593603.0 N 110847.0	ELIMINATED 10/94: Paved over.	DPA	NA
1100	C 197		1100 Area - Parking lot drain.	0.00	Catch Basin	E 593542.1 N 110846.1	ELIMINATED 10/94: Paved over.	DPA	NA
1100	C 198		1100 Area - Parking lot drain.	0.00	Catch Basin	E 593639.9 N 110611.5	ELIMINATED 10/94: Paved over.	DPA	NA
1100	C 618		1100 Area parking lot storm drain system - Catch Basin #32.	0.00	Catch Basin	E 593533.2 N 110439.1	DELETED 7/6/95.	NA	NA
1100	C 594		1100 Area parking lot storm drain system - Catch Basin # 8.	0.00	Catch Basin	E 593468.3 N 110833.9	DELETED 7/6/95.	NA	NA
1100	C 588		1100 Area parking lot storm drain system - Catch Basin #1.	0.00	Catch Basin	E 593507.7 N 111066.0	DELETED 7/6/95: Per M. Outer catch basins (#588-622) do not have a direct discharge to the ground.	NA	NA
1100	596		1100 Area parking lot storm drain system - Catch Basin #10.	0.00	Catch Basin	E 593440.4 N 110901.2	DELETED 7/6/95.	NA	NA

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Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
1100	C	597	1100 Area parking lot storm drain system - Catch Basin #11.	0.00	Catch Basin	E 593618.1 N 110721.2	DELETED 7/6/95.	NA	NA	
1100	C	598	1100 Area parking lot storm drain system - Catch Basin #12.	0.00	Catch Basin	E 593601.2 N 110721.2	DELETED 7/6/95.	NA	NA	
1100	C	599	1100 Area parking lot storm drain system - Catch Basin #13.	0.00	Catch Basin	E 593548.6 N 110721.2	DELETED 7/6/95.	NA	NA	
1100	C	600	1100 Area parking lot storm drain system - Catch Basin #14.	0.00	Catch Basin	E 593618.1 N 110666.7	DELETED 7/6/95.	NA	NA	
1100	C	601	1100 Area parking lot storm drain system - Catch Basin #15.	0.00	Catch Basin	E 593602.1 N 110666.7	DELETED 7/6/95.	NA	NA	
1100	C	602	1100 Area parking lot storm drain system - Catch Basin #16.	0.00	Catch Basin	E 593602.1 N 110666.7	DELETED 7/6/95.	NA	NA	
1100	C	603	1100 Area parking lot storm drain system - Catch Basin #17.	0.00	Catch Basin	E 593566.9 N 110698.5	DELETED 7/6/95.	NA	NA	
1100	C	604	1100 Area parking lot storm drain system - Catch Basin #18.	0.00	Catch Basin	E 593544.0 N 110698.5	DELETED 7/6/95.	NA	NA	
1100	C	605	1100 Area parking lot storm drain system - Catch Basin #19.	0.00	Catch Basin	E 593533.2 N 110702.4	DELETED 7/6/95.	NA	NA	
1100	C	589	1100 Area parking lot storm drain system - Catch Basin #2.	0.00	Catch Basin	E 593509.3 N 110975.1	DELETED 7/6/95.	NA	NA	
1100	C	606	1100 Area parking lot storm drain system - Catch Basin #20.	0.00	Catch Basin	E 593533.2 N 110698.5	DELETED 7/6/95.	NA	NA	
1100	C	607	1100 Area parking lot storm drain system - Catch Basin #21.	0.00	Catch Basin	E 593469.5 N 110698.5	DELETED 7/6/95.	NA	NA	
1100	C	608	1100 Area parking lot storm drain system - Catch Basin #22.	0.00	Catch Basin	E 593587.3 N 110566.8	DELETED 7/6/95.	NA	NA	
1100	C	609	1100 Area parking lot storm drain system - Catch Basin #23.	0.00	Catch Basin	E 593574.0 N 110566.8	DELETED 7/6/95.	NA	NA	

Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
Water	Number									
1100	C	610		1100 Area parking lot storm drain system - Catch Basin #24.	0.00	Catch Basin	E 593544.0 N 110566.8	DELETED 7/6/95.	NA	NA
1100	C	611		1100 Area parking lot storm drain system - Catch Basin #25.	0.00	Catch Basin	E 593533.2 N 110570.5	DELETED 7/6/95.	NA	NA
1100	C	612		1100 Area parking lot storm drain system - Catch Basin #26.	0.00	Catch Basin	E 593533.2 N 110566.8	DELETED 7/6/95.	NA	NA
1100	C	613		1100 Area parking lot storm drain system - Catch Basin #27.	0.00	Catch Basin	E 593469.3 N 110566.8	DELETED 7/6/95.	NA	NA
1100	C	614		1100 Area parking lot storm drain system - Catch Basin #28.	0.00	Catch Basin	E 593585.0 N 110411.1	DELETED 7/6/95.	NA	NA
1100	C	615		1100 Area parking lot storm drain system - Catch Basin #29.	0.00	Catch Basin	E 593585.0 N 110433.4	DELETED 7/6/95.	NA	NA
1100	C	590		1100 Area parking lot storm drain system - Catch Basin #3.	0.00	Catch Basin	E 593510.4 N 110507.1	DELETED 7/6/95.	NA	NA
1100	C	616		1100 Area parking lot storm drain system - Catch Basin #30.	0.00	Catch Basin	E 593585.0 N 110436.2	DELETED 7/6/95.	NA	NA
1100	C	617		1100 Area parking lot storm drain system - Catch Basin #31.	0.00	Catch Basin	E 593544.0 N 110436.2	DELETED 7/6/95.	NA	NA
1100		619		1100 Area parking lot storm drain system - Catch Basin #33.	0.00	Catch Basin	E 593533.2 N 110436.0	DELETED 7/6/95.	NA	NA
1100	C	620		1100 Area parking lot storm drain system - Catch Basin #34.	0.00	Catch Basin	E 593491.4 N 110435.1	DELETED 7/6/95.	NA	NA
1100	C	621		1100 Area parking lot storm drain system - Catch Basin #35.	0.00	Catch Basin	E 593481.2 N 110445.9	DELETED 7/6/95.	NA	NA
1100	C	622		1100 Area parking lot storm drain system - Catch Basin #36.	0.00	Catch Basin	E 593440.3 N 110489.4	DELETED 7/6/95.	NA	NA
1100	C	591		1100 Area parking lot storm drain system - Catch Basin #3.	0.00	Catch Basin	E 593611.3 N 110633.8	DELETED 7/6/95.	NA	NA

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Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planar Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
	Water									
1100	C	592	1100 Area parking lot storm drain system - Catch Basin #6.	0.00	Catch Basin	E 593553.6 N 110833.9	DELETED 7/6/95.	NA	NA	
1100	C	593	1100 Area parking lot storm drain system - Catch Basin #7.	0.00	Catch Basin	E 593510.4 N 110833.9	DELETED 7/6/95.	NA	NA	
1100	C	595	1100 Area parking lot storm drain system - Catch Basin #9.	0.00	Catch Basin	E 593435.5 N 110806.1	DELETED 7/6/95.	NA	NA	
1100		737	1169 Building floor drain. LOCATION: next to 1169 Building.	0.00	Injection Well	E 593430.0 N 110192.0	ELIMINATED 7/2/97: Floor drain has been permanently plugged per cc; Mail from M. Gunter.	SPA	NA	
1100		738	1169 Building floor drain. LOCATION: next to 1169 Building.	0.00	Injection Well	E 593448.0 N 110192.0	ELIMINATED 7/2/97: Floor drain has been permanently plugged per cc; Mail from M. Gunter.	SPA	NA	
1100	C	472	1171 Building - Parking lot - Storm drain.	0.00	Injection Well	E 592085.3 N 124928.9	ELIMINATED 4/95: Removed during re-surfacing.	DPA	NA	
1100	CD	473	1171 Building - Storm water runoff and vehicle wash effluent to catch basin.	0.00	Injection Well	E 592009.4 N 124872.3	ELIMINATED 6/6/95: Per cc; Mail from M. Gunter.	DPA	NA	
200E	D	686	105A Mock Tank Test Site - Electrical Resistance Tomography Testing.	0.00	To Ground	E N	Two month duration, 8/1/95-9/30/95, a total 20,000 gallons. Coordinates not applicable.	NA	NA	
200E	B	439	202A Building - PUREX pump seal water. LOCATION: southwest corner of building.	0.00	Injection Well	E 574952.0 N 135608.0	ELIMINATED. Stream discharges to TEDF.	SPA	NA	
200E	D	464	202A Building - PUREX steam condensate, discharged into a contaminated area. LOCATION: south side of building, across the access road from the 291A exhaust fans.	0.00	Injection Well	E 575200.6 N 135533.5	Injection Well (K). ELIMINATED 4/96: Per D. Johnson.	SA	NA	

Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Dispose Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
	Water	Number								
200E	D	466		202A Building - PUREX steam condensate. LOCATION: south side of building, adjacent to the southeast corner.	0.00	Injection Well	E 575274.5 N 135620.0	Injection Well (R). ELIMINATED in 1996: Per D. Johnson.	SA	NA
200E	C	461		202A Building - PUREX steam water. LOCATION: south side of building, connected to the proportional sample pit #04.	0.00	Injection Well	E 575064.1 N 135527.7	Injection Well (F). ELIMINATED in 1996: Per D. Johnson.	SPA	NA
200E	D	494		202A PUREX - 202-A-417 catch tank leaked steam condensate until two years ago. Stream discharges to the ground. LOCATION: along south wall of building.	0.00	To Ground	E 575141.9 N 135614.4	ELIMINATED in 1996: Per 8/4/97 cc:Mail from D. Johnson.	SA	NA
200E	D	39	ld	202A PUREX - Drain collects steam condensate from the 291A control house. LOCATION: south side, between 291A exhaust fans and 292AB main stack building.	0.00	Injection Well	E 575212.2 N 135555.8	Injection Well (L) within 300' of 216-A-4, 216-A-31, 216-A-2, and 216-A-21. ELIMINATED in 1996: Per 8/4/97 cc:Mail from D. Johnson.	SA	NA
200E	D	61	b	202A PUREX - Steam condensate line #3801 discharges to a french drain located within a surface contaminated area. LOCATION: south side, between 202A south wall and the 291AH ammonia off-gas filter building.	0.00	Injection Well	E 575184.6 N 135606.9	REVISED 3/96: Injection Well (M); "d" note removed. ELIMINATED in 1996: Per 8/4/97 cc:Mail from D. Johnson.	SA	NA
200E	D	70		202A PUREX - Steam condensate line #3801. LOCATION: north side, between 203A UNH pumphouse and MO332.	0.00	Injection Well	E 575118.2 N 135733.2	Injection Well (Y). ELIMINATED in 1996: Per 8/4/97 cc:Mail from D. Johnson.	SA	NA
200E	D	68		202A PUREX - Steam condensate line #3801. LOCATION: north side, next to the north wall of 206A fractionator.	0.00	Injection Well	E 575222.2 N 135655.8	Injection Well (V). ELIMINATED in 1996: Per 8/4/97 cc:Mail from D. Johnson.	SA	NA

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Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposed Structure	Washington State Plan Coordinates (notes)	Comments	Stream Status	Category	Permit Type
200E	D	72	202A FUREX - Steam condensate line #8881.	LOCATION: north side, on the NW corner of 211A storage tanks, between TC-41 and 211A chemical storage tank.	0.00	Injection Well	E 575074.6 N 135716.3	Injection Well (AA), ELIMINATED in 1996; Per 8/4/97 cc:Mail from D. Johnson.	SA	NA	
200E	D	69	202A FUREX - Steam condensate line #8881.	LOCATION: north side, on the west end of the laboratory sample receiving dock.	0.00	Injection Well	E 575136.0 N 135662.3	Injection Well (W), ELIMINATED in 1996; Per 8/4/97 cc:Mail from D. Johnson.	SA	NA	
200E	D	71	202A FUREX - Steam condensate line #8881.	LOCATION: north side, on the south side of YK-73 confinement office, in the enclosure screen.	0.00	Injection Well	E 575108.1 N 135797.0	Injection Well (Z), ELIMINATED in 1996; Per 8/4/97 cc:Mail from D. Johnson.	SA	NA	
200E	CD	58	202A INNEX - Steam condensate, also has potential to receive storm water.	LOCATION: west side of 202A and south of the PR-Dock.	0.00	Injection Well	E 574959.0 N 135624.3	Injection Well (C), ELIMINATED in 1996; Per 8/4/97 cc:Mail from D. Johnson.	SA	NA	
200E	D	316	20101M Building - Steam condensate, both discharge during winter.	LOCATION: northeast side.	0.00	Injection Well	E 573339.4 N 135397.4	ELIMINATED 10/94.	SPA	NA	
200E	D	470	212B Building - Steam condensate, winter and condensate from ice machine.	LOCATION: northeast side.	0.00	Injection Well	E 573338.7 N 136446.2	ELIMINATED 10/97; Per cc:Mail from T. Ridge.	SA	NA	
200E	D	641	20101B Building Ice House - Cooling water and condensate from ice machine.	LOCATION: B-Plant location between MC094 and MC097.	0.00	Injection Well	E 573327.0 N 136367.0	DELETED 7/3/97; Stream discharge to sanitary sewer, per cc:Mail from T. Ridge.	NA	NA	
200E	D	47	d 20101B Ice House - Steam condensate, both discharge during winter.	LOCATION: B-Plant location between MC094 and MC097.	0.00	Injection Well	E 573329.2 N 136365.1	ELIMINATED 7/94.	DPA	NA	
200E	D	306	222B Building - Steam condensate, both discharge during winter.	LOCATION: north side.	0.00	Injection Well	E 573433.3 N 136280.1	ELIMINATED 10/94.	SPA	NA	

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Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Dispose Structure	Washington State Planer/ Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
Water	Number									
200E	B	540		224B Building - Elevator shaft - There is no anticipated discharge, used in emergencies only. Historically, new water line broke and drained into the elevator shaft.	0.00	Injection Well	E 573429.6 N 136406.5	DELETED 4/96: Stream is not a miscellaneous stream, per K. Luck.	NA	NA
200E	D	309		224B Building - Steam condensate, batch discharge during winter. LOCATION: north side.	0.00	Injection Well	E 573433.1 N 136367.5	ELIMINATED 10/94.	SA	NA
200E	D	321		224B Building - Steam condensate. LOCATION: east side.	0.00	Injection Well	E 573442.1 N 136408.1	ELIMINATED 1/23/96: Building steam shut off.	SA	NA
200E	D	219	b	241A Tank Farm Steam Condensate - Steam condensate (from 702 Building) is discharged year-round to a caisson located in a surface contaminated area. LOCATION: just west of 241-A-702 Building.	0.00	Injection Well	E 573381.8 N 136121.3	ELIMINATED 10/26/95.	SPA	NA
200E	D	220		241A Tank Farm Steam Condensate - Steam condensate is discharged year-round to a caisson located in a surface contaminated area. LOCATION: under the over ground steam line between AY-Farm and 241-A-702.	0.00	Injection Well	E 573361.3 N 136145.9	ELIMINATED 10/26/95.	SPA	NA
200E	D	218	b	241AZ Tank Farm, AZ-134 Steam Condensate Catch Basin - Steam condensate is discharged year-round to a caisson located in a surface contaminated area.	0.00	Injection Well	E 575440.2 N 136270.5	ELIMINATED 10/26/95.	SPA	NA
200E		548		242A Building - 242-A-3 Steam trap.	0.00		E N	DELETED 7/6/95: Discharge into stream #547. Coordinates not applicable.	NA	NA
200E		562		242A Building - 242-A-4 Steam trap.	0.00		E N	DELETED: Stream discharge into stream #547. Coordinates not applicable.	NA	NA

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Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream Name	Process Description	Flow (gpm)	Disposed Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Permit Type	Categorical
200E	D	113	242A Building - Injection well receives stream coordinates from two stream traps and a relief valve (FSV-Ball-J). LOCATION: southeast of 242A Building.	0.00		E 573374.0 N 135934.6	DELETED 8/22/95; Duplicate of stream #652 per M. Bowman.	NA	NA	NA
200E		119	242A Building - Stream trap.	0.00			DELETED: Stream discharges into stream #652. Coordinates not applicable.	NA	NA	NA
200E	D	50	242AC Pipe/Searf Shop - Stream trap one foot from stream #44.	0.00	Injection Well	E 573267.7 N 135938.3	ELIMINATED 2/26/96.	DPA	NA	NA
200E	D	48	242AC Pipe/Searf Shop - Three discharge lines to disposal site Q42AC stream coordinates, pipeline storage and blank coordinates, stream #50 stream trap.	0.00	Injection Well	E 573251.7 N 135938.3	ELIMINATED 2/26/96.	DPA	NA	NA
200E	D	313	271SE Building - Stream coordinates, both discharge during winter. LOCATION: south side.	0.00	Injection Well	E 573721.8 N 135549.4	ELIMINATED.	SA	NA	NA
200E		532	271SE Building - Stream coordinate. LOCATION: 11' south of southwest corner of building.	0.00		E 573680.6 N 135546.5	DELETED 8/20/95; Duplicate of streams #92 and #93, per cc: Mail from M. Gorder.	NA	NA	NA
200E		531	271SE Building - Stream coordinate. LOCATION: 17' south of southwest corner of building.	0.00		E 573680.6 N 135546.1	DELETED 8/20/95; Duplicate of streams #92 and #93, per cc: Mail from M. Gorder.	NA	NA	NA
200E	D	469	271SE Building - Stream coordinates, both discharge during winter. LOCATION: west side of building.	0.00	Injection Well	E 573635.3 N 135571.4	ELIMINATED.	SA	NA	NA
200E	D	223	c 271SE Building - Point Trap tank used to wash later paint brushes. LOCATION: northeast corner of 271SE, 10' west and 25' south.	0.00	Injection Well	E 573625.0 N 135666.0	ELIMINATED 4/97; Discharge was eliminated in April 1997. Modified coordinates 7/2/97 per cc: Mail from M. Gorder.	SPA	NA	NA

Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Deposit Structure	Washington State Plan Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200E	D	124	2715EC Building - Steam condensate.	LOCATION: 10' north and 20' west of the northeast corner of the building.	0.00	Injection Well	E 573464.7 N 135664.9	DELETED 7/16/97: Stream is a duplicate of stream #104. Per email from M. Quader.	NA	NA
200E	C	529	2715EC Building - Storm water runoff.	LOCATION: 10' south of the northeast corner of building.	0.00	Injection Well	E 573614.1 N 135666.4	DELETED 7/16/97: Not an injection well, per cc:Mail from M. Quader.	NA	NA
200E	D	490	271B Building - Laundry room ice machine effluent.	LOCATION: 10' south of the northeast corner of building.	0.00	Injection Well	E 573467.2 N 135677.6	ELIMINATED 7/16/97: Per cc:Mail from T. Ridge.	SPA	NA
200E	D	639	272BB Building - Inactive French drain.	LOCATION: east side of building.	0.00	Injection Well	E 573500.3 N 135341.4	ELIMINATED 7/16/97: Per cc:Mail from R. Wiesemeyer. Floor drain permanently plugged and sink drain removed and capped, per 7/16/97 cc:Mail from T. Ridge.	SPA	NA
200E	D	500	272E Building - Receives steam condensate.	LOCATION: east side of building.	0.00	Injection Well	E 573575.9 N 135647.4	ELIMINATED 7/16/97: Stream status is "SA" per cc:Mail from M. Quader. Injection Well, Leaking at E2.	SA	NA
200E	D	494	272E Building - HVAC / steam condensate to an eight " diameter French drain.	LOCATION: south side of building.	0.00	Injection Well	E 573550.6 N 135619.2	ELIMINATED 7/16/97: Stream status is "SA" per cc:Mail from M. Quader.	SA	NA
200E	D	501	272B Building - Steam condensate.	LOCATION: east side of building.	0.00	Injection Well	E 573575.3 N 135634.4	ELIMINATED 7/16/97: Stream status is "SA" per cc:Mail from M. Quader.	SA	NA
200E	D	310	272E Building - Steam condensate, back discharge drain water.	LOCATION: south side of building.	0.00	Injection Well	E 573561.8 N 135684.1	ELIMINATED 7/16/97: Stream status "SA" per cc:Mail from M. Quader.	SA	NA
200E	C	429	272E Building - Storm water from walkway. Overflow from Stream #500.	LOCATION: east side of building.	0.00	Injection Well	E 573578.3 N 135647.4	ELIMINATED 1/96. Injection point was converted in January 1996.	D/A	NA

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Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200E	D	317		276C Building - Steam condensate, batch discharge during winter. LOCATION: east side.	0.00	Injection Well	E 574547.2 N 136367.3	ELIMINATED 8/30/95: Per cc:Mail from M. Gunter.	SA	NA
200E	D	174		283E Building - Heater filter floor. LOCATION: 200E Building south.	0.00	Injection Well	E 573800.0 N 135634.0	ELIMINATED 5/95: Stream has been rerouted to the process sewer.	SPA	NA
200E	D	175		283E Building - HTR-TRP- 206,307,367 (located inside the building) discharge to this injection well. Heater steam condensate. LOCATION: 283E Building south wall by door.	0.00	Injection Well	E 573816.7 N 135630.5	ELIMINATED 7/16/97: Stream has been rerouted to the process sewer per cc:Mail from M. Gunter.	SPA	NA
200E	D	319		291B Building - Steam line condensate. LOCATION: northeast side.	0.00	Injection Well	E 567519.0 N 134021.2	ELIMINATED 10/94.	SA	NA
200E	D	320		291B Building - Steam turbine condensate. LOCATION: southwest side.	0.00	Injection Well	E 567511.4 N 134009.0	ELIMINATED 10/94.	SA	NA
200E	D	690	d	AJAX/AZ Steam Supply - Steam trap. LOCATION: West of 241-A, northeast of 244-AA (on west side of road).	0.00	Injection Well	E 573269.0 N 136108.0	ELIMINATED 12/6/95: Steam has been shut off.	SPA	NA
200E	D	2		B Plant Yard Steam Line - 12" main, steam trap condensate.	0.00	Injection Well	E 573714.0 N 136368.7	DELETED 7/18/97: Duplicate of stream #571 per cc:Mail from M. Gunter.	NA	NA
200E	D	1		B Plant Yard Steam Line - 6" main, steam trap condensate.	0.00	Injection Well	E 573722.0 N 136368.7	DELETED 7/18/97: Duplicate of stream #570, per cc:Mail from M. Gunter.	NA	NA
200E	B	688		ETF Treatment Facility - Construction discharge from pump tanks #1 and #2. Discharge to ground at the northeast corner of south end of building.	0.00	To Ground	E 575770.0 N 137635.0	DELETED 7/18/97: One-time discharge during construction to a non-engineered structure, per cc:Mail from K. Lueck.	NA	I

Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Dispose Structure	Washington State Plan Coordinates (meters)	Comments	Stream Status	Perm. Type
200E	D	533	M0033 Building - Source is water valve on line providing water to trailer. LOCATION: 3' south of trailer towards center near PUREX.	0.00			E 573007.0 N 135171.0	ELIMINATED. Water valve access only, no discharge.	SPA	NA
200E	D	101	Stream Trap - 2P-Yard-MSS-TRP-643 (formerly MSD #01). LOCATION: east of 210M.	0.00	Injection Well	E 573003.0 N 135453.0	ELIMINATED 6/20/97: This stream trap is no longer in service per cc:Mail from D. Hermann. Modified coordinates 7/2/97 per cc:Mail from M. Quater.	SPA	NA	
200E	D	642	Stream Trap - 2P-Yard-MSS-TRP-056 - Stream confinement. LOCATION: on the 104 to 202E.	0.00	Injection Well	E 573044.0 N 135535.0	ELIMINATED 6/20/97: The main line has been removed, per cc:Mail from D. Hermann.	DPA	NA	
200E	D	644	Stream Trap - 2P-Yard-MSS-TRP-057 - Stream confinement.	0.00	Injection Well	E 573044.0 N 135533.0	ELIMINATED 6/96.	SA	NA	
200E	D	645	Stream Trap - 2P-Yard-MSS-TRP-058,059 - Stream confinement. LOCATION: has 101 to 201E.	0.00	Injection Well	E 573031.0 N 135577.0	ELIMINATED 6/20/97: The line has been removed, per cc:Mail from D. Hermann.	DPA	NA	
200E	D	646	Stream Trap - 2P-Yard-MSS-TRP-063 - Stream confinement. LOCATION: in culvert in the road, near stream 517 across road camp by 234E.	0.00	Injection Well	E 573077.2 N 135533.1	ELIMINATED 7/11/97: Per cc:Mail from M. Quater.	SPA	NA	
200E	D	103	Stream Trap 2P - Yard-MSS-TRP-001 (formerly labeled MSD #01). LOCATION: east of 210M.	0.00	Injection Well	E 573001.0 N 135433.0	ELIMINATED 6/20/97: This stream trap is no longer in service per cc:Mail from D. Hermann. Modified coordinates 7/2/97 per cc:Mail from M. Quater.	SPA	NA	
200E	CD	98	Stream Trap 2P - Yard-MSS-TRP-009 (labeled EAD #1) LOCATION: north of 210M.	0.00	Injection Well	E 573039.7 N 135508.4	ELIMINATED 6/96.	SA	NA	
200E	D	99	Stream Trap 2P - Yard-MSS-TRP-009 (labeled EAD #1) LOCATION: north of 210M.	0.00	Injection Well	E 573039.9 N 135433.4	ELIMINATED 6/96.	SA	NA	

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Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200E	D	110		Steam Trap 2P - Yard-MSS-TRP-012. LOCATION: north of 294B on hot seawalls.	0.00	Injection Well	E 573753.1 N 136369.4	ELIMINATED 6/96.	SA	NA
200E	D	115		Steam Trap 2P - Yard-MSS-TRP-040, common pit from PUREX to 204-AIR.	0.00	Injection Well	E 575053.4 N 135766.3	ELIMINATED 6/20/97; Per cc:Mail from D. Hermann.	SA	NA
200E	D	116		Steam Trap 2P - Yard-MSS-TRP-041. LOCATION: west of 271SE.	0.00	Injection Well	E 575056.0 N 135887.0	ELIMINATED 6/20/97; Per cc:Mail from D. Hermann.	SA	NA
200E	D	91		Steam Trap 2P - Yard-MSS-TRP-047. LOCATION: south of 271SE.	0.00		E 573660.8 N 135573.6	DELETED 5/95; Stream does not discharge to an engineered structure, per cc:Mail from M. Gunter.	NA	NA
200E	D	104		Steam Trap 2P - Yard-MSS-TRP-049. LOCATION: northeast of 272E.	0.00	Injection Well	E 573664.0 N 135684.0	ELIMINATED 6/20/97; This steam trap is no longer in service per cc:Mail from D. Hermann. Coordinates modified 7/2/97 per cc:Mail from M. Gunter.	SPA	NA
200E	D	579		Steam Trap 2P - Yard-MSS-TRP-103, steam condensate. LOCATION: north of 271SE.	0.00	Injection Well	E 573481.0 N 135870.0	DELETED 5/95; Stream is a duplicate of Stream #335.	NA	NA
200E	D	751		Steam trap 2P-Yard-MSS-TRP-020.	0.00	Injection Well	E 573991.0 N 136369.0	ADDED 7/2/97; Per cc:Mail from M. Gunter, for historical purpose.	SA	NA
200E	D	752		Steam trap 2P-Yard-MSS-TRP-021.	0.00	Injection Well	E 574393.0 N 136370.0	ADDED 7/2/97; Per cc:Mail from M. Gunter, for historical purpose.	SA	NA
200E	D	753		Steam trap 2P-Yard-MSS-TRP-022.	0.00	Injection Well	E 574502.1 N 136391.0	ADDED 7/2/97; Per cc:Mail from M. Gunter, for historical purpose.	SA	NA
200E	D	754		Steam trap 2P-Yard-MSS-TRP-023.	0.00	Injection Well	E 574585.0 N 136391.0	ADDED 7/2/97; Per cc:Mail from M. Gunter, for historical purpose.	SA	NA

Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
	Water	Number								
200E	D	755		Steam trap 2P-Yard-MSS-TRP-024.	0.00	Injection Well	E 574601.0 N 136409.0	ADDED 7/2/97: Per cc:Mail from M. Gunter, for historical purpose.	SA	NA
200E	D	756		Steam trap 2P-Yard-MSS-TRP-025.	0.00	Injection Well	E 574644.0 N 136409.0	ADDED 7/2/97: Per cc:Mail from M. Gunter, for historical purpose.	SA	NA
200E	D	757		Steam trap 2P-Yard-MSS-TRP-026.	0.00	Injection Well	E 574668.0 N 136405.0	ADDED 7/2/97: Per cc:Mail from M. Gunter, for historical purpose.	SA	NA
200E	D	758		Steam trap 2P-Yard-MSS-TRP-027.	0.00	Injection Well	E 574799.0 N 136405.0	ADDED 7/2/97: Per cc:Mail from M. Gunter, for historical purpose.	SA	NA
200E	D	759		Steam trap 2P-Yard-MSS-TRP-028.	0.00	Injection Well	E 574912.0 N 136405.0	ADDED 7/2/97: Per cc:Mail from M. Gunter, for historical purpose.	SA	NA
200E	D	760		Steam trap 2P-Yard-MSS-TRP-029.	0.00	Injection Well	E 575017.0 N 136406.0	ADDED 7/2/97: Per cc:Mail from M. Gunter, for historical purpose.	SA	NA
200W	C	735		207-SL Storage Basin - Storm water runoff. LOCATION: southwest corner of 207-SL.	0.00	Injection Well	E 567520.2 N 133873.3	DELETED 8/6/97: Per cc:Mail from R. Baum.	NA	NA
200W	D	262	b	216-Z-15 - Steam turbine - Condensate discharged to French drain 216-Z-15.	0.00	Injection Well	E 566483.4 N 135625.3	ELIMINATED 6/4/97: Potential historical contamination underground at discharge location. Piping plugged, per 7/29/97 cc:Mail from D. Hizel	SPA	NA
200W	D	262		219S Building - Steam condensate. LOCATION: north side.	0.00	Injection Well	E 567473.6 N 133928.2	ELIMINATED 4/96: Per G. Warwick. Within 300' of 216-S-20.	SA	NA

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Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Plane Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
	Water	Number								
200W	D	575	d	219S Building - Steam condensate. LOCATION: west of main door of building.	0.00	Injection Well	E 367466.0 N 133929.7	ELIMINATED 6/12/97: Per cc:Mail from R. Boom. Steam condensate line going to French drain has been removed.	SPA	NA
200W	C	215		222S Building - Catch basin (storm drain) #13. LOCATION: parking lot.	0.00	Injection Well	E 367363.4 N 133904.5	REVISED 11/27/95: "d" note removed. DELETED 8/6/97: Duplicate of stream #211 per cc:Mail from R. Boom.	NA	NA
200W	D	200		222S Building - Steam condensate. LOCATION: near door 13 north.	0.00	Injection Well	E 367424.9 N 133906.1	REVISED 12/7/95: "d" note removed. ELIMINATED 8/6/97: Line capped and deactivated per cc:Mail from R. Boom.	SPA	NA
200W	D	201		222SC Building - Steam condensate. LOCATION: north side.	0.00	Injection Well	E 367436.5 N 133926.5	REVISED 12/7/95: "d" note removed. ELIMINATED 8/6/97: Line capped and deactivated per cc:Mail from R. Boom.	SPA	NA
200W	D	271	d	222T Building - Steam condensate.	0.00	Injection Well	E 367629.5 N 136816.0	ELIMINATED 11/30/95: Building steam shut off.	SPA	NA
200W	D	272	d	222T Building - Steam condensate.	0.00	Injection Well	E 367621.6 N 136804.9	ELIMINATED 11/30/95: Building steam shut off.	SPA	NA
200W	D	273	d	222T Building - Steam condensate.	0.00	Injection Well	E 367613.7 N 136789.8	ELIMINATED 11/30/95: Building steam shut off.	SPA	NA
200W	D	274	d	222T Building - Steam condensate.	0.00	Injection Well	E 367615.7 N 136797.0	ELIMINATED 11/30/95: Building steam shut off.	SPA	NA
200W	D	275	d	222T Building - Steam condensate.	0.00	Injection Well	E 367626.2 N 136811.5	ELIMINATED 11/30/95: Building steam shut off.	SPA	NA
200W	CD	394		222U Building - Steam condensate and storm water. LOCATION: back side, western most corner.	0.00	Injection Well	E 367603.1 N 135113.9	ELIMINATED 2/95.	SPA	NA

Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
Water	Number									
200W	D	677	4	224T Building - Steam condensate.	0.00	Injection Well	E 567548.0 N 136721.0	ELIMINATED 11/30/95: Building steam shut off. Injection well does not receive heat pump condensate.	SPA	NA
200W	D	55		224U Building - Steam condensate discharge. LOCATION: southeast side.	0.00	Injection Well	E 567524.1 N 134999.6	ELIMINATED 5/96.	SA	NA
200W	D	54		224U Building - Steam condensate. LOCATION: northeast corner.	0.00	Injection Well	E 567539.3 N 135024.0	ELIMINATED 5/95.	SA	NA
200W	D	52		224U Building - Steam condensate. LOCATION: southwest side.	0.00	Injection Well	E 567543.0 N 135007.3	ELIMINATED 5/95.	SA	NA
200W	D	259		231Z Building - Main steam line trap #02.	0.00	Injection Well	E 566448.2 N 135885.0	ELIMINATED 11/30/95: Building steam shut off.	SA	NA
200W	D	260		231Z Building - Stack damper condensate drain.	0.00	Injection Well	E 566461.3 N 135913.3	ELIMINATED 11/30/95: Building steam shut off.	SA	NA
200W	D	511		231Z Building - Compressor condensate. Potentially contaminated with hydrocarbons. LOCATION: approximately 12' east of the southwest corner of west wing.	0.00	Injection Well	E 566466.1 N 135867.4	ELIMINATED 10/96; Source is collected per BMP report.	SA	NA
200W	D	510		231Z Building - Injection well received compressor condensate. LOCATION: approximately 10' east of the southwest corner of the west wing.	0.00	Injection Well	E 566466.1 N 135867.1	ELIMINATED 10/96; Source is collected per BMP report.	SA	NA
200W	D	258		231Z Building - Main steam line trap #01.	0.00	Injection Well	E 566448.2 N 135889.9	ELIMINATED 11/30/95: Building steam shut off.	SA	NA
200W	D	509	4	231Z Building - Steam condensate. LOCATION: within the northeast inverted corner of building.	0.00	Injection Well	E 566496.7 N 135920.8	ELIMINATED 11/30/95: Building steam shut off. Modified description 7/2/97 per cc:Mail from M. Quater.	SA	NA

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Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
Water Number										
200W	D	308	d	231Z Building. LOCATION: Approximately 60' north of northeast corner of building near shed.	0.00	Injection Well	E 566483.6 N 133941.2	ELIMINATED 5/95.	SA	NA
200W	D	245		232Z Building - Change room water bather overflow.	0.00	Injection Well	E 566440.8 N 133576.0	ELIMINATED 6/95.	SA	NA
200W	D	387		2345Z Building - PTP Complex main steam line trap #02.	0.00	Injection Well	E 566534.6 N 133804.6	ELIMINATED 6/95.	SA	NA
200W		655		2345Z Building - Steam Trap on 2902-Z high tank.	0.00	Injection Well	E 566442.0 N 133737.5	DELETED 9/6/95: Duplicate of stream #251.	NA	NA
200W	D	534		241-SX Tank Farm - Steam discharge to a caisson.	0.00	Injection Well	E 566941.1 N 134376.4	ELIMINATED 5/95: Steam supply was blinded at valve MSS-V-17.	SPA	NA
200W	D	555		241-SX Tank Farm - Steam discharge to a caisson.	0.00	Injection Well	E 566895.1 N 134376.7	ELIMINATED 5/95: Steam supply was blinded at valve MSS-V-17.	SPA	NA
200W	D	536		241-SX Tank Farm - Steam discharge to a caisson.	0.00	Injection Well	E 566861.3 N 134376.0	ELIMINATED 5/95: Steam supply was blinded at valve MSS-V-17.	SPA	NA
200W	D	557		241-SX Tank Farm - Steam discharge to a caisson.	0.00	Injection Well	E 566861.3 N 134337.6	ELIMINATED 5/95: Steam supply was blinded at valve MSS-V-17.	SPA	NA
200W	D	532		241-SX-401 Tank Farm Vapor Manifold Condenser - Steam condensate and condenser sampler line discharge to drywell (caisson). LOCATION: inside SX farm.	0.00	Injection Well	E 566742.9 N 134277.6	ELIMINATED 5/95: Steam supply eliminated in the late 1970s.	SPA	NA
200W	D	553		241-SX-402 Tank Farm Vapor Manifold Condenser - Condenser sampler line discharging to drywell (caisson). LOCATION: inside SX Farm.	0.00	Injection Well	E 566742.7 N 134283.7	ELIMINATED 5/95: Steam supply was eliminated in the late 1970s.	SPA	NA

Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
	Water	Number								
200W	D	549		241-SY Tank Farm - Steam pit discharge to a caisson east of 241-SY-103. LOCATION: northeast of the estimator (west of 103-SY).	0.00	Injection Well	E 566871.5 N 134532.6	ELIMINATED 5/95: Steam supply was blanked at valve MSS-V-16.	SPA	NA
200W	D	550		241-SY Tank Farm - Steam pit. LOCATION: east of 241-SY-271.	0.00	Injection Well	E 566899.6 N 134577.7	ELIMINATED 5/95: Steam supply was blanked at MSS-V-16.	SPA	NA
200W	D	232		241Z Building - Eyewash/bench shower. LOCATION: east side of 241Z.	0.00	Injection Well	E 566535.4 N 135533.1	ELIMINATED.	SA	NA
200W	D	233		241Z Building - Tank D-9 steam jacket condensate. Potential for sodium hydroxide contamination. System is in operation only during Plutonium Reclamation Facility operation.	0.00	Injection Well	E 566540.0 N 135530.5	ELIMINATED 10/96: Source has been eliminated in accordance with the BMP report. Within 300' of 216-2-1 & 2, and 216-Z-3.	SA	NA
200W	D	236		241Z Building - Waste tanks steam supply trap.	0.00		E 566520.2 N 135536.6	DELETED 11/30/95: Stream discharge to the same disposal site as stream #235.	NA	NA
200W	D	237		241Z Building - Waste tanks steam supply trap.	0.00		E 566520.2 N 135536.6	DELETED 11/30/95: Stream discharge to the same disposal site as stream #235.	NA	NA
200W	D	238		241Z Building - Waste tanks steam supply trap.	0.00		E 566520.2 N 135536.6	DELETED 11/30/95: Stream discharge to the same disposal site as stream #235.	NA	NA
200W	D	239		241Z Building - Waste tanks steam supply trap.	0.00		E 566520.2 N 135536.6	DELETED 11/30/95: Stream discharge to the same disposal site as stream #235.	NA	NA
200W	C	583		27043 Building - HVAC condensate. LOCATION: southwest corner of west wing of building.	0.00	Injection Well	E 567320.1 N 133920.3	DELETED 2/6/97: Steam heat replaced by heat pumps several years ago, per cc:Mail from R. Boom.	NA	NA

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Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planar Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200W	D	253	d	27042 Building - Main steam line trap #02.	0.00	Injection Well	E 566538.0 N 135743.8	ELIMINATED 5/95. Piping plugged, per 7/29/97 cc:Mail from D. Hirzel.	SPA	NA
200W	D	252	d	27042 Building - Main steam line trap #01.	0.00	Injection Well	E 566533.2 N 135778.9	ELIMINATED 4/95. Piping plugged, per 7/29/97 cc:Mail from D. Hirzel.	SPA	NA
200W	D	502		2713W Building - Steam condensate. LOCATION: center of east side of building.	0.00	Injection Well	E 567877.8 N 136200.3		SPA	NA
200W	D	284		2713W Building - Steam condensate. LOCATION: center of north side.	0.00	Injection Well	E 567868.3 N 136208.9		SPA	NA
200W	D	283		2713W Building - Steam condensate. LOCATION: north side of northwest corner.	0.00	Injection Well	E 567859.0 N 136208.9		SPA	NA
200W	D	538		2713W Building - Steam condensate. LOCATION: northeast corner of east side of building.	0.00	Injection Well	E 567877.8 N 136208.7		SPA	NA
200W	D	282		2713W Building - Steam condensate. LOCATION: northwest corner.	0.00	Injection Well	E 567853.5 N 136208.9		SPA	NA
200W	D	281		2713W Building - Steam condensate. LOCATION: southwest corner.	0.00	Injection Well	E 567853.6 N 136192.1		SPA	NA
200W	D	286		2713WB Building - Steam condensate.	0.00	Injection Well	E 567232.1 N 135971.1	ELIMINATED 9/3/95: Per cc:Mail from M. Gunter.	SPA	NA
200W	D	287		2713WB Building - Steam condensate.	0.00	Injection Well	E 567216.9 N 135971.0	ELIMINATED 9/3/95: Per cc:Mail from M. Gunter.	SPA	NA
200W	D	288		2719WA Building - Steam condensate. LOCATION: northeast side.	0.00	Injection Well	E 567844.9 N 135987.6	ELIMINATED 4/96: Steam turned off per R. Gonzales. Revised stream status 7/2/97 per cc:Mail from M. Gunter.	DPA	NA
200W	D	289		2722W Building - Steam condensate.	0.00	Injection Well	E 567789.0 N 136191.3		SPA	NA

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Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200W	D	290		2723W Building - Steam condensate.	0.00	Injection Well	E 567882.7 N 136032.9	ELIMINATED.	SA	NA
200W	D	293		2723W Building - Steam condensate.	0.00	Injection Well	E 567872.7 N 136038.6	ELIMINATED.	SA	NA
200W	D	520		2723W Building - Steam condensate. LOCATION: 15' east of northern section of east wall.	0.00	Injection Well	E 567883.0 N 136030.0	ELIMINATED.	SA	NA
200W		84		2724 Building - Steam trap condensate; batch discharge during winter. LOCATION: north side.	0.00	To Ground	E 567805.0 N 135968.6	DELETED 9/5/95: Duplicate of stream #81 per e-mail from M. Gunter.	NA	NA
200W	D	85		2724WB Building - Heater condensate - Batch discharge during winter. LOCATION: south side.	0.00	Injection Well	E 567807.7 N 135954.0	ELIMINATED 4/96: Steam turned off per R. Gonzalez.	SA	NA
200W		83		2724WB Building - Steam trap condensate; batch discharge during winter. LOCATION: north side.	0.00	To Ground	E 567805.0 N 135968.6	DELETED 9/5/95: Duplicate of stream #81 per e-mail from M. Gunter.	NA	NA
200W	C	81		2724WB Building - Storm water. LOCATION: north side.	0.00	To Ground	E 567805.0 N 135968.6	DELETED 11/30/95: Stream does not discharge to an engineered structure.	NA	NA
200W	C	82		2724WB Building - Storm water. LOCATION: southwest corner.	0.00	To Ground	E 567792.7 N 135951.7	DELETED 11/30/95: Stream does not discharge to an engineered structure.	NA	NA
200W	D	297		2728 Building - Steam condensate.	0.00	Injection Well	E 566690.2 N 134548.0	ELIMINATED 9/5/95: Per e-mail from M. Gunter.	SA	NA
200W		242		2734ZL Building - Eyewash/safety shower, HF tank.	0.00	Injection Well	E 566486.4 N 135631.0	DELETED 9/5/95: Duplicate of stream #654.	NA	NA
200W	D	654		2734ZL Building - Emergency eyewash station. LOCATION: center of the south side of building.	0.00	Injection Well	E 566480.3 N 135631.0	ELIMINATED 4/96: System was eliminated per D. Hirzel.	SPA	NA
200W	D	241		2736Z Building - Complex main steam line trap.	0.00	Injection Well	E 566471.2 N 135612.7	DELETED 4/95: Duplicate of stream #240.	NA	NA

Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planar Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
200W	D	543		273W Building - Steam condensate from traps off of the overhead steam line. LOCATION: approximately 60' of the southeast corner of building.	0.00	Injection Well	E 367814.7 N 136150.8	ELIMINATED 4/95: No steam lines currently run to the building.	SPA	NA
200W	D	307		275W Building - Steam condensate.	0.00	Injection Well	E 367771.8 N 136122.0	ELIMINATED 4/95: No steam lines currently run to the building.	SPA	NA
200W		541		277W Building - Sanitary water. LOCATION: west of building.	0.60		E 367824.3 N 136112.7	DELETED 9/5/95: Duplicate of stream #534. Modified description 7/16/97 per cc:Mail from M. Gunter.	NA	NA
200W		542		277W Building - Steam condensate. LOCATION: 10' south of building (273W).	0.00		E 367814.8 N 136098.4	DELETED 9/5/95: Duplicate of stream #76 per cc:Mail from M. Gunter.	NA	NA
200W	D	80		277W Fabrication Shop - Condensate from compressor and HVAC. Potential hydrocarbon contamination.	0.00	Injection Well	E 367842.6 N 136097.7	ELIMINATED 10/96: BMP was implemented. Stream no longer discharges to the ground.	SA	NA
200W	D	77		277W Fabrication Shop - Condensate from two HVAC units.	0.00	Injection Well	E 367859.6 N 136105.2	ELIMINATED 9/5/95: Injection well has been paved over per cc:Mail from M. Gunter.	DPA	NA
200W	D	78		277W Fabrication Shop - Condensate from two HVAC units.	0.00	Injection Well	E 367917.5 N 136105.3	ELIMINATED 9/5/95: Injection well has been paved over per cc:Mail from M. Gunter.	DPA	NA
200W	D	79		277W Fabrication Shop - Sanitary water (pressure regulating valve relief).	0.00	Injection Well	E 368176.6 N 136077.0	ELIMINATED 2/95: Stream could not be verified.	SPA	NA
200W	B	471		284W Building - Washdown of coal ramp to three sumps - In summer months only- sumps are pumped in the summer months on average of 2 times per week. in winter pumping is increased to 2 times per day.	0.00	Manmade depression	E 367458.0 N 135983.8	ELIMINATED 4/95: Manmade depression (pond is dry most times); coal ramp washdown is no longer used.	SA	NA

Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Dispose Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
	Water	Number								
200W	D	251		29022 Building - High water tower steam trap.	0.00	Injection Well	E 566448.5 N 135737.5	ELIMINATED 6/11/97: Stream was eliminated in 1993.	SPA	NA
200W	D	551		296-S-13 (Sludge Cooler) - Steam heater discharging to a drywell (cannon). LOCATION: inside SX Fenc.	0.00	Injection Well	E 566764.3 N 134190.0	ELIMINATED 5/95: Steam supply was blanked at valve MSS-V-17.	SPA	NA
200W	D	51	4	Ice House adjacent to W-13 Sheet Metal Shop - Water jug remote batch discharged during cleaning activities.	0.00	Injection Well	E 567302.9 N 135894.2	ELIMINATED 4/95: Discharge was diverted to the sanitary sewer.	SPA	NA
200W	C	523		MO028 Building - Storm water runoff. LOCATION: 25' north of the northeast corner of MO028.	0.00	Injection Well	E 567258.7 N 133854.3	ELIMINATED.	SA	NA
200W	D	222		S/SX/SY/242S Complex - Steam condensate; steam condensate discharged year-round to cannon located within a surface contaminated area. LOCATION: outside perimeter fence, on east side of 242-S.	0.00	Injection Well	E 566902.8 N 134358.7	ELIMINATED 5/95.	SA	NA
200W	D	221		S/SX/SY/242S Complex - Steam condensate; steam condensate discharges year-round from steam trap on five steam line. LOCATION: outside perimeter fence, north of SY Fenc.	0.00	Injection Well	E 566837.9 N 134619.2	ELIMINATED 5/95.	SA	NA
200W		102		Steam Trap - MSD #02. LOCATION: east of 272E.	0.00		E 573608.8 N 135664.9	DELETED 9/5/95: Duplicate stream per cc:Mail from M. Guster.	NA	NA
200W	D	646		Steam Trap 2Q-Yard-MSS-TRP-058 - Steam condensate. LOCATION: on line #805 to water tower.	0.00	Injection Well	E 567939.0 N 136142.0	ELIMINATED 6/20/97: Per cc:Mail from D. Hennan.	SA	NA
200W	D	650		Steam Trap 2Q-Yard-MSS-TRP-062 - Steam condensate. LOCATION: on line #805 to 272W.	0.00	Injection Well	E 567917.7 N 136052.0	DELETED 7/2/97: Duplicate of stream #302, per cc:Mail from M. Guster.	NA	NA

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Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream Number	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
	Water									
300	D	352		303F Building - Steam condensate, was fed by line from 313 building. This line is no longer in service. LOCATION: west side.	0.00	Injection Well	E 593883.3 N 116106.1	ELIMINATED.	SPA	NA
300	C	434	d	308 Building - Storm water runoff. LOCATION: east side of truck ramp.	0.00	Injection Well	E 594173.3 N 115815.1	ELIMINATED 6/5/96; Stream status was changed to SA per F. Carvo.	SA	NA
300	C	406	d	308 Building - Storm water runoff. LOCATION: northwest corner.	0.00	Injection Well	E 594116.3 N 115805.1	ELIMINATED 6/5/96; site granted per F. Carvo.	DPA	NA
300	CD	445		309 Building - Storm water runoff and water from chiller. LOCATION: west of building, near chiller.	0.00	Injection Well	E 594085.0 N 115640.0	Injection Well #20. ELIMINATED 2/8/97; Drain has been permanently plugged and stream has been reverted to the process sewer, per fax from F. Carvo.	SPA	NA
84	300	C	450	309 Building - Storm water runoff. LOCATION: north side of building, at bottom of stairwell.	0.00	Injection Well	E 594113.2 N 115680.9	ELIMINATED 2/15/97; Drain permanently plugged, per fax from F. Carvo.	SPA	NA
	300	C	679	309 Building - Storm water runoff. LOCATION: southwest side of building, at bottom of stairwell.	0.00	Injection Well	E 594111.0 N 115645.0	ELIMINATED 2/2/97; Drain permanently plugged, per fax from F. Carvo.	SPA	NA
	300	CD	268	314 Building - Storm water runoff and steam condensate. Condensate is pumped by batch to drywell 10' north of the southern corner of the 314 Building.	0.00	Injection Well	E 593706.7 N 116107.0	ELIMINATED 3/95; Stream routed to the process sewer.	SPA	NA
	300	D	350	320 Building - LOCATION: northwest of building.	0.00	Injection Well	E 593768.2 N 115509.3	ELIMINATED 9/26/95; Per Lazanki.	SA	NA
	300	D	372	321 Building - Steam condensate. LOCATION: bottom of truck ramp on the south side.	0.00	Injection Well	E 593800.0 N 115859.0	ELIMINATED 7/96; Injection Well, labeled as P.D. #35. Steam has been shut down.	SA	NA

Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow	Disposed	Washington State Planner	Comments	Stream	Status	Categorical
Water Number				(open)	Structure	Coordinates (nearest)			Permit Type		
300	D	370	321 Building - Steam condensate.	0.00	Injection Well	E 392770.0 N 113574.0	ELIMINATED 1/96; Stream has been shut down. Modified coordinates 7/29/97 per ac:Molis from M. Ouster.	SA	NA	NA	
300	D	371	321 Building - Steam condensate.	0.00	Injection Well	E 393772.6 N 113532.4	ELIMINATED 1/96; Stream has been shut down.	SA	NA	NA	
300	D	343	321 Building - Vap valve on water line. LOCATION: west side.	0.00	Injection Well	E 393769.5 N 113535.4	ELIMINATED 1/96; Per ac:Molis from M. Ouster.	SA	NA	NA	
300	C	354	324 Building - Steam water runoff.	0.00		E 392171.0 N 113744.5	ELIMINATED 1/95; Stream was routed to the process sewer.	SPA	NA	NA	
300	CD	402	323 Building - Steam water.	0.00	To Ground	E 394043.0 N 113800.7	ELIMINATED 1/95.	SA	NA	NA	
300	CD	409	326 Building - Steam water runoff and steam condensate. LOCATION: northeast.	0.00	To Ground	E 392934.6 N 113534.7	DELETED 3/95; Stream routed to the sanitary sewer.	NA	NA	NA	
300	C	422	329 Building - Steam water runoff.	0.00	To Ground	E 393917.1 N 113749.6	ELIMINATED 1/95; Stream routed to the process sewer.	SPA	NA	NA	
300	C	346	329 Building - Steam water runoff.	0.00		E 393916.8 N 113769.0	DELETED 3/95; Stream discharged to the process sewer.	NA	NA	NA	
300	D	374	331 Building - Steam condensate.	0.00		E 394471.0 N 113403.3	DELETED 9/28/95; Not an injection well per Lazard.	NA	NA	NA	
300	C	116	337 Building - Steam water runoff.	0.00	To Ground	E 394527.7 N 113537.4	DELETED; Disposal site is not an injection well per Lazard with M. Ouster.	NA	NA	NA	
300	D	423	340 Building - (F-3 pump pit) pump tank. LOCATION: bottom of F-3 pump pit. Does not receive storm water.	0.00	Injection Well	E 394074.9 N 113691.4	ELIMINATED 5/96; Source piping has been capped per R. Stachnick.	SPA	NA	NA	

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Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planar Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
Water	Number									
300	D	341	d	340 Building - Steam condensate and cooling water. LOCATION: southwest corner. Does not receive storm water.	0.00	Injection Well	E 594149.3 N 115917.3	ELIMINATED 5/96: Closed loop cooling system has been implemented per S. Guster.	SPA	NA
300	D	427	4	340A Building - Steam condensate. LOCATION: east side.	0.00	Injection Well	E 594207.0 N 115938.7	ELIMINATED 5/96: Injection well #43. Building steam has been turned off per telecom with S. Guster.	SPA	NA
300	D	426	d	340B Building - Hose flush water. LOCATION: east side.	0.00	Injection Well	E 594171.3 N 115951.3	ELIMINATED 5/96: Per S. Guster.	SA	NA
300	D	401		3621D Building - Condensate from an air receiver. Potential hydrocarbon contamination. LOCATION: east of building, inside fenced area.	0.00	Injection Well	E 594355.0 N 115672.0	ELIMINATED 10/96: In accordance with the BMP report. Modified coordinates 7/2/97 per cc:Mail from M. Guster.	SA	NA
300	D	402		3621D Building - Cooling water from emergency generator diesel engine. Potential hydrocarbon contamination. LOCATION: southwest side of building, in fenced area.	0.00	Injection Well	E 594339.6 N 115663.4	ELIMINATED 10/96: In accordance with the BMP report.	SA	NA
300	D	346		3702 Building - Steam condensate. LOCATION: west of the stairs on the north side of building.	0.00	Injection Well	E 593743.4 N 115904.1	ELIMINATED 7/2/97: Building has been demolished per cc:Mail from M. Guster.	DPA	NA
300	D	431		3703 Building - Steam condensate. LOCATION: south center of building.	0.00	Injection Well	E 593690.2 N 116284.3	ELIMINATED: Building has been demolished.	SPA	NA
300	C	411		3705 Building - Storm water runoff. LOCATION: northwest corner.	0.00	Injection Well	E 593631.0 N 116064.0	ELIMINATED 7/2/97: This roof drain discharges to an injection well without a surface access, per cc:Mail from M. Guster.	DPA	NA
300	D	367		3706 Building - Steam condensate. LOCATION: east side of building, north of the First Aid Station.	0.00	Injection Well	E 593814.0 N 115958.0	ELIMINATED: Injection Well #27.	SA	NA

Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
	Water	Number								
300	D	368		3706 Building - Steam condensate. LOCATION: east side of building by the south entrance to building.	0.00	Injection Well	E 593814.0 N 115940.0	ELIMINATED: Injection well with overflow to the process sewer.	SA	NA
300	D	362		3706 Building - Steam condensate. LOCATION: east wall of the courtyard that is accessed via the First Aid Station.	0.00	Injection Well	E 593785.3 N 115957.3	ELIMINATED: Injection well with overflow to the process sewer.	SA	NA
300	D	363		3706 Building - Steam condensate. LOCATION: north side of building, 40' west of sanitary waste system manhole #31.	0.00	Injection Well	E 593751.8 N 115975.8	ELIMINATED: Injection well with overflow to the process sewer.	SA	NA
300	D	366		3706 Building - Steam condensate. LOCATION: north side of building, 95' west of sanitary waste system manhole #31.	0.00	Injection Well	E 593770.9 N 115976.1	ELIMINATED: Injection well with overflow to the process sewer.	SA	NA
300	D	440		3706 Building - Steam condensate. LOCATION: north side, west of door.	0.00	Injection Well	E 593742.3 N 115975.7	ELIMINATED.	SA	NA
300	D	360		3706 Building - Steam condensate. LOCATION: north wall of courtyard that is accessed via the First Aid Station.	0.00	Injection Well	E 593780.7 N 115960.2	ELIMINATED: Injection well with overflow to the process sewer.	SA	NA
300	D	357		3706 Building - Steam condensate. LOCATION: north-central portion of 3706 main courtyard.	0.00	Injection Well	E 593752.1 N 115956.8	ELIMINATED: Injection well with overflow to process sewer.	SA	NA
300	D	356		3706 Building - Steam condensate. LOCATION: northeast corner.	0.00	Injection Well	E 593809.0 N 115976.7	ELIMINATED: Injection with overflow to process sewer.	SA	NA
300	D	439		3706 Building - Steam condensate. LOCATION: south side of building by the east entrance.	0.00	Injection Well	E 593775.0 N 115933.5	ELIMINATED: Injection Well #29.	SA	NA
300	D	369		3706 Building - Steam condensate. LOCATION: south side of building, 30' east of southeast corner.	0.00	Injection Well	E 593724.0 N 115927.3	ELIMINATED: Injection Well #30.	SA	NA

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Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
	Water	Number								
300	D	358		3706 Building - Steam condensate. LOCATION: southern portion of 3706 main courtyard along the west wall.	0.00	Injection Well	E 593748.0 N 115937.7	ELIMINATED: Injection well with overflow to the process sewer.	SA	NA
300	D	438		3706 Building - Steam condensate. LOCATION: southwest corner of building.	0.00	Injection Well	E 593712.0 N 115932.6	ELIMINATED: Injection Well #25.	SA	NA
300	D	326		3707B Building - Pit located under main steam line, labeled U57. LOCATION: northeast corner.	0.00	Injection Well	E 593832.0 N 116008.0	ELIMINATED 8/96: Pit discharged to stream #327.	SA	NA
300	D	328		3707B Building - Steam condensate. LOCATION: northeast corner of building.	0.00	Injection Well	E 593840.0 N 116009.0	ELIMINATED 8/96: Steam has been eliminated.	SA	NA
300	D	179		3707C Building - Steam condensate. LOCATION: center of south side.	0.00	Injection Well	E 593701.0 N 115918.7	ELIMINATED 8/96: Injection Well #24. Building has been removed.	DPA	NA
300	D	178		3707C Building - Steam condensate. LOCATION: northeast corner.	0.00	Injection Well	E 593707.3 N 115975.2	ELIMINATED 8/96: Injection Well #23. Building has been removed.	DPA	NA
300	D	337		3707C Building - Steam condensate. LOCATION: northeast.	0.00	Injection Well	E 593701.2 N 115975.1	ELIMINATED 8/96: Building has been removed.	SPA	NA
300	D	336		3707C Building - Steam condensate. LOCATION: southeast.	0.00	Injection Well	E 593704.0 N 115918.7	ELIMINATED 8/96: Injection Well, labeled as F.D. #31. Building has been removed.	DPA	NA
300	D	335		3707C Building - Steam condensate. LOCATION: west side of building.	0.00	Injection Well	E 593692.0 N 115961.0	ELIMINATED 8/96: Injection Well, Labeled as F.D. #4. Building has been removed.	DPA	NA
300	D	347		3709A Building - Air compressor flowdown. LOCATION: west side.	0.00	Injection Well	E 593674.0 N 115744.0	ELIMINATED 2/26/96: Per D. Poor.	SA	NA
300	D	343		3711 Building - Steam condensate. HPD-TRP-001. LOCATION: north side.	0.00	Injection Well	E 594033.0 N 116049.0	ELIMINATED 7/2/97: Per cc:Mail from M. Gunter.	SA	NA

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Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
	Water	Number								
300	D	433		3711 Building - Steam condensate. LOCATION: south side.	0.00	Injection Well	E 594032.0 N 116022.6	ELIMINATED 7/2/97; Per cc:Mail from M. Gunter.	SA	NA
300	C	270		3718A Building roof storm water runoff. Drains are piped into ground and directed away from 340 Building	0.00	Injection Well	E 594101.1 N 115876.1	ELIMINATED 10/94.	SA	NA
300	D	420		3730 Building - Steam condensate. LOCATION: northwest corner.	0.00	To Ground	E 593842.4 N 115958.1	ELIMINATED 9/2/95; Stream routed to the process sewer, per Lazarus.	SPA	NA
300	D	349		3732 Building - Steam condensate from quench tank. LOCATION: southwest corner.	0.00	Injection Well	E 593826.0 N 116057.0	ELIMINATED 7/2/97; Per cc:Mail from M. Gunter.	SA	NA
300	D	419		3732 Building - Steam condensate. LOCATION: northwest corner.	0.00	Injection Well	E 593823.0 N 116063.0	Injection Well #13. ELIMINATED 7/2/97; Per cc:Mail from M. Gunter.	SA	NA
300	D	334		3734 Building - Steam condensate from main header.	0.00	Injection Well	E 593680.0 N 116051.0	Injection Well, Labeled as F.D. #8. ELIMINATED 7/2/97; Per cc:Mail from M. Gunter.	DPA	NA
300	D	519		3734A Building - Steam condensate. LOCATION: south side.	< 1.00	Injection Well	E 593679.7 N 116040.0	ELIMINATED 7/2/97; Building has been demolished per cc:Mail from M. Gunter.	DPA	NA
300	D	380		3745A Building - Steam condensate. LOCATION: west side.	0.00	Injection Well	E 593667.2 N 115899.9	ELIMINATED 3/95; Stream was routed to the process sewer.	SPA	NA
300	D	379		3745B Building - French drain; steam condensate. LOCATION: northeast corner.	0.00	Injection Well	E 593666.7 N 115936.3	ELIMINATED 3/95; Stream was routed to the process sewer.	SPA	NA
300	D	345		3765 Building - HVAC condensate, labeled U10. LOCATION: southwest corner.	0.00	Injection Well	E 594280.9 N 115621.3	ELIMINATED 8/1/97; Discharges to process sewer per cc:Mail from M. Gunter.	SPA	NA
300	D	331		Steam condensate from 300 Area main header steam trap. LOCATION: southwest corner of 313 building.	0.00	Injection Well	E 593825.0 N 116099.0	ELIMINATED 7/2/97; Per cc:Mail from M. Gunter.	SA	NA

This report was current on: 03-Sep-97

Keys are found on the last page.

Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream	Note	Process Description	Flow (gpm)	Disposal Structure	Washington State Planer Coordinates (meters)	Comments	Stream Status	Categorical Permit Type
	Water	Number								
400	CD	37	403 P2P - HVAC condensate and storm water. LOCATION: northeast corner of building.	0.00	Trench	E 587642.8 N 123228.4	DELETED 5/21/97: Stream is part of storm water collection system.	NA	NA	
400	D	33	4713B Building - Employee sink. LOCATION: at the loading dock French drain inventory.	0.00	Injection Well	E 587471.6 N 123039.4	ELIMINATED 12/96: Water supply was turned off.	SPA	NA	
400	C	30	Altitude Valve Pit T-330 - Storm water.	0.00	Process Sewer	E 589368.9 N 123193.8	ELIMINATED 12/96: Stream discharges to the process sewer.	SPA	NA	
400	C	31	Altitude Valve Pit T-33 - Storm water.	0.00	Process Sewer	E 587560.0 N 120438.7	DELETED 5/97: Duplicate of stream #23, per T. Dillhoff.	NA	NA	
400	C	32	Altitude Valve Pit T-87 - Storm water.	0.00	Drain Field	E 587529.6 N 120438.6	DELETED 5/97: Duplicate of stream #24, per T. Dillhoff. Not an injection well.	NA	NA	
400	C	733	Storm water drainage ditch. LOCATION: west of the 437 Building at the southwest corner of the Reactor Area.	0.00	Collection Basin	E 587376.2 N 123546.3	DELETED 5/6/97: Ditch was never constructed, per B. Bowman.	NA	NA	
600	D	13	251W (infiltration) - Continuous discharge of sanitary water. Discharge is from the automated hypo-chlorination being used.	0.00	To Ground	E 569913.0 N 138906.7	DELETED 9/28/95: Discharges directly to ground.	NA	NA	
600	D	161	Storm trap - 2Q-Yard-MSS-TRP-127, 128 (formerly TLT- 27, 28). LOCATION: off of storm tie-line between 200E and 200W.	0.00		E 567672.6 N 135933.6	DELETED 11/30/95: Duplicate of stream #636.	NA	NA	
POB	C	675	1226 Building. Injection well is out of service, but may collect storm water.	< 0.01	Injection Well	E 594118.0 N 111126.0	DELETED 6/6/97: No longer under DOE control.	NA	NA	
POB	C	674	1226 Building. Injection well out of service, but may collect storm water.	< 0.01	Injection Well	E 594117.0 N 111126.0	DELETED 6/6/97: No longer under DOE control.	NA	NA	

Table 3-2. Eliminated and Deleted Miscellaneous Streams

Area	Source	Stream Name	Process Description	Flow (gpm)	Disposal Structure	Washington State Plan Coordinates (meter)	Comments	Stream Status	Categorical Permit Type
POB	D	49	1240 Building - Stream contains used welding tank cooling water (sanitary, closed system).	0.00	Injection Well	E 394061.6 N 111424.4	DELETED 6/6/97: No longer under DOE control.	NA	NA
Source Water:									
A= Groundwater B= Surface Water C= Storm Water D= Potable Water									
Notes:									
a= This is note is obsolete b= Stream discharging to an injection well within a surface contaminated area c= Potentially contaminated streams d= Disposal site within 300 feet of an active/inactive crib, ditch, or trench									
Stream Status:									
NA= Not Applicable AC= Active SA= Source Abandoned STA= Source Temporarily Abandoned SPA= Source Permanently Abandoned DPA= Disposal Site Permanently Abandoned									
Permit Types:									
E= Exempt NA= Not Applicable 1,2,3,4= Categorical Permit Order as defined in the Plan and Schedule									

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Keys are found on the last page.

4.0 SOURCE WATER DESCRIPTION

There are four types of source water used in the generation of waste streams on the Hanford Site: surface water from the Columbia River, potable water, groundwater, and storm water.

4.1 Surface Water from the Columbia River

Surface water from the Columbia River is pumped from the 100-B, 100-D, or 300 Areas. This water, also called raw water, is filtered to remove large debris, but has not been through any other treatment process.

4.2 Potable Water

Raw water from the Columbia River is converted into potable water through conventional water treatment facilities. Conventional water treatment facilities are located in the 100, 200, 300 Areas, and the City of Richland.

The source of potable water to the 1100 Area is from the City of Richland. However, this potable water will not be discussed in this report because storm water is the only source water for a miscellaneous stream in the 1100 Area.

4.3 Groundwater (Well Water)

Groundwater is used as the primary source water only in the 400 Area. Three deep wells (one primary and two backup) supply water to three storage tanks. The water is chlorinated with a one percent sodium hypochlorite solution prior to entering the storage tanks. Storage tank water is used as supply water. The sanitary water is pumped throughout the 400 Area for domestic and process use.

Numerous backup wells also exist on the Hanford Site. However, these wells are only used in case of an emergency.

4.4 Storm Water

Storm water consists of rainfall and snowmelt runoff.

5.0 PROCESS DESCRIPTION

The following sections provide process descriptions for each of the four types of source water. More detailed process descriptions are provided in the corresponding categorical permit applications.

5.1 Surface Water Process Description

Waste water is generated from cooling water processes and pump packing leaks:

- Cooling Water - Non-contact cooling water is used throughout the Hanford Site for equipment such as pumps, heating, ventilating, and air conditioning (HVAC) systems, air compressors, turbines, generators, and boiler water jackets.
- Pump Packing Leaks - Leaks may occur around worn out or loose fitting packings. In many cases, the pump packing is made to intentionally fit loose in order to extend its lifetime, thus reducing the cost of frequent changes.

5.2 Potable Water Process Descriptions

Sanitary water processes contribute to the miscellaneous streams on the Hanford Site. The following sections describe sanitary water processes.

5.2.1 Steam Condensate. Steam is produced from sanitary water that has been sent through a water softener system to remove minerals (calcium and magnesium). The treated water is introduced into boilers to produce steam. This steam is superheated before distribution to facilities for heating and process use. Disposal sites receive steam condensate from the steam distribution lines. When used for heating purposes, this is a seasonal discharge. Non-regulated chemicals are added to dechlorinate the water, prevent scale, and control corrosion.

5.2.2 Cooling Water. Along with raw water, sanitary water is used as non-contact cooling water throughout the Hanford Site for equipment such as pumps, HVAC systems, air compressors, turbines, generators, and boiler water jackets. Air compressor blowdown also is included in this category.

- HVAC - Continuous air exchange is required in process and/or work areas. Outside air is heated or cooled as needed. Condensate is produced by the HVAC system. This condensate is derived from the entrained moisture in the air drawn in by the respective HVAC system. This condensate is collected and discharged to the disposal site.
- Pump Packing Leaks - Leaks may occur around worn out or loose fitting packings. In many cases, the pump packing is made to intentionally fit loose in order to extend its lifetime, thus reducing the cost of frequent changes.

- Air Compressor Blowdown - Compressed air storage tanks contain a moisture trap and drain valve. Water vapor, which condenses when the air is compressed, collects in the trap and is drained periodically. The effluent may be contaminated with small quantities of oil. The source is intermittent and the flow rate depends on compressed air demand and seasonal fluctuations in ambient air temperature and humidity.

5.2.3 Sink Drains. Sink drains collect waste water used in kitchens, cleaning processes, eye wash stations, and safety showers. The majority of sinks at the Hanford Site are used for general sanitation practices, such as washing hands, while others, like those used in paint shops, are used for cleaning painting equipment.

- Cleaning and Kitchens - Waste water is generated from cleaning paint brushes and water jugs. Kitchens in several buildings also generate waste water through domestic processes.
- Eye Wash Stations and Safety Showers - Eye wash stations and safety showers are designated for emergency use only. They are used when a person comes in contact with hazardous materials that must be washed off their eyes and body immediately to reduce the risk of serious injury. In order to maintain operational readiness, these systems are tested frequently. This testing generates clean effluent which is discharged to whatever collection system is readily available.

5.3 Groundwater Process Description

Waste water is generated from cooling water processes and pump packing leaks.

- Cooling Water - Non-contact cooling water is used throughout the Hanford Site for equipment such as pumps, heating, ventilating, and air conditioning (HVAC) systems, air compressors, turbines, generators, and boiler water jackets.
- Pump Packing Leaks - Leaks may occur around worn out or loose fitting packings. In many cases, the pump packing is made to intentionally fit loose in order to extend its lifetime, thus reducing the cost of frequent changes.

5.4 Storm Water Process Description

Storm water is generated from rainfall and snowmelt that runs off of roofs, pavement, etc. Storm water runoff is usually routed to divert the water away from buildings or walkways.

6.0 REFERENCES

- DOE, 1987, *Plan and Schedule to Discontinue Disposal of Contaminated Liquids into the Soil Column at the Hanford Site*, DOE-065, Response to Congressional Request, U.S. Department of Energy, Richland Operations Office, Richland, Washington.
- DOE, 1996a, *State Waste Discharge Permit Application for Cooling Water and Condensate Discharges*, DOE/RL-96-41, U.S. Department of Energy, Richland Operations Office, Richland Washington.
- DOE, 1996b, *Miscellaneous Streams Best Management Practices (BMP) Report*, DOE/RL-96-40, U.S. Department of Energy, Richland Operations Office, Richland, Washington.
- DOE, 1994, *Plan and Schedule for Disposition and Regulatory Compliance for Miscellaneous Streams*, DOE/RL-93-94, Rev. 1, U.S. Department of Energy, Richland Operations Office, Richland, Washington.
- Ecology, EPA, and DOE, 1994, *Hanford Federal Facility Agreement and Consent Order*, Washington State Department of Ecology, U.S. Environmental Protection Agency, and U.S. Department of Energy, Olympia, Washington.
- Ecology and DOE, 1991, *Consent Order No. DE91N-177*, Washington State Department of Ecology, and U.S. Department of Energy, Olympia, Washington.

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APPENDIX A
MISCELLANEOUS STREAMS INVENTORY AREA MAPS

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APPENDIX A

MISCELLANEOUS STREAMS INVENTORY AREA MAPS

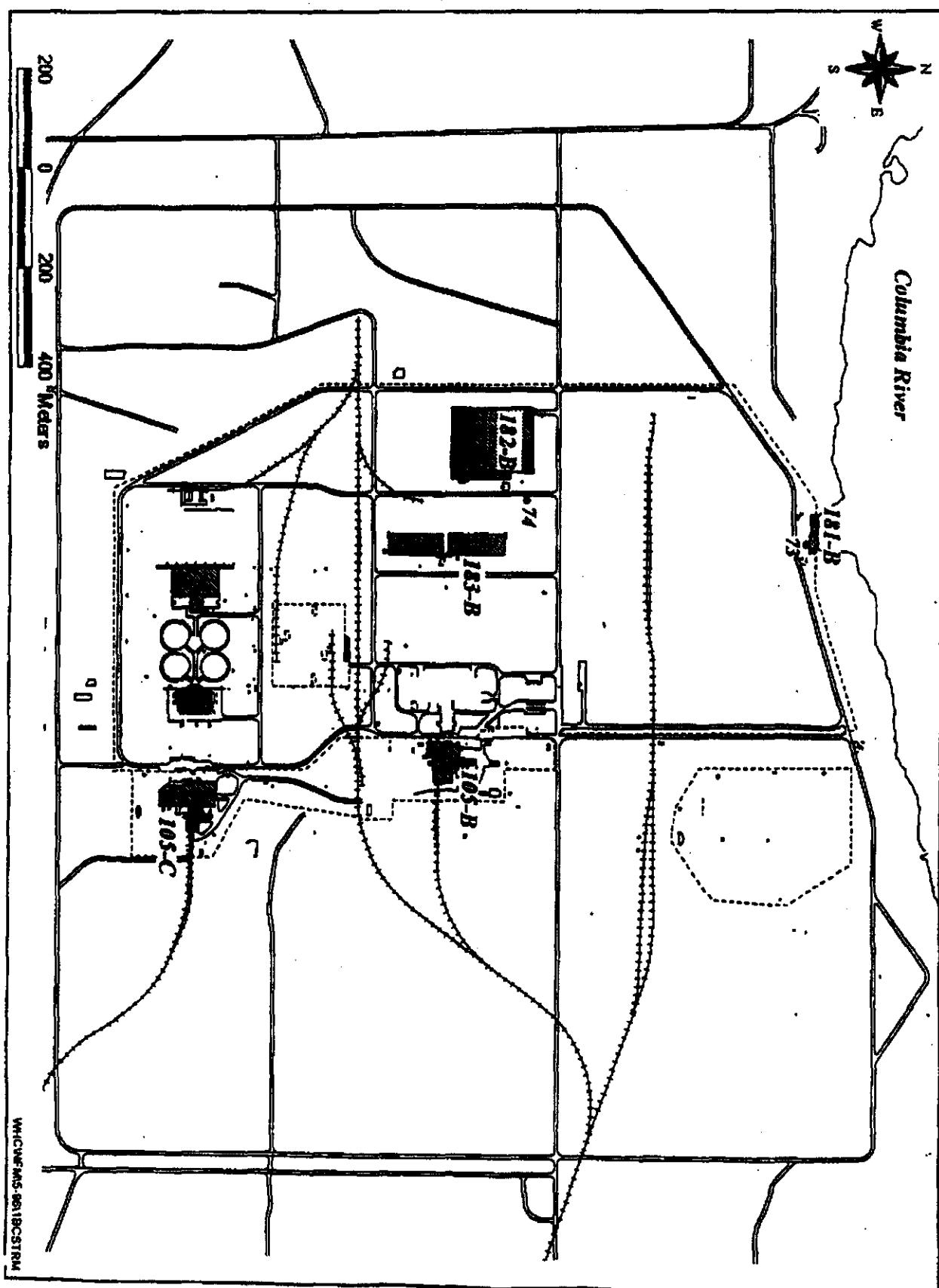
The following area maps show the locations of the active Hanford Site Miscellaneous Streams. The stream identification numbers on the area maps correspond to the "Streams #" field on the Miscellaneous Streams Inventory. Area maps are included for the 100, 1100, 200, 300, and 400 Areas. Area maps were not available for the 600, 700, and Richland North Areas.

100-B/C Area	A-1
100-D Area	A-2
100-K Area	A-3
100-N Area	A-4
1100 Area	A-5
200 East (Northeast Quadrant)	A-6
200 East (Northwest Quadrant)	A-7
200 East (B Plant Complex)	A-8
200 East (Southeast Quadrant)	A-9
200 East (PUREX)	A-10
200 East (Southwest Quadrant)	A-11
200 East (Powerhouse and Maintenance Area)	A-12
200 West (Cross Site Transfer Line)	A-13
200 West (T-Plant Complex)	A-14
200 West (Central Waste Complex)	A-15
200 West (Plutonium Finishing Plant)	A-16
200 West (Fluor Daniel Northwest Central Construction Complex)	A-17
200 West (Powerhouse Area)	A-18
200 West (Maintenance Area)	A-19
200 West (U-Plant)	A-20
200 West (S-Tank Farm Complex)	A-21
200 West (222-S Laboratory)	A-22
300 Area (North Quadrant)	A-23
300 Area (South Quadrant)	A-24
300 Area (Environmental Molecular Sciences Laboratory)	A-25
400 Area (Expanded View)	A-26

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A-1

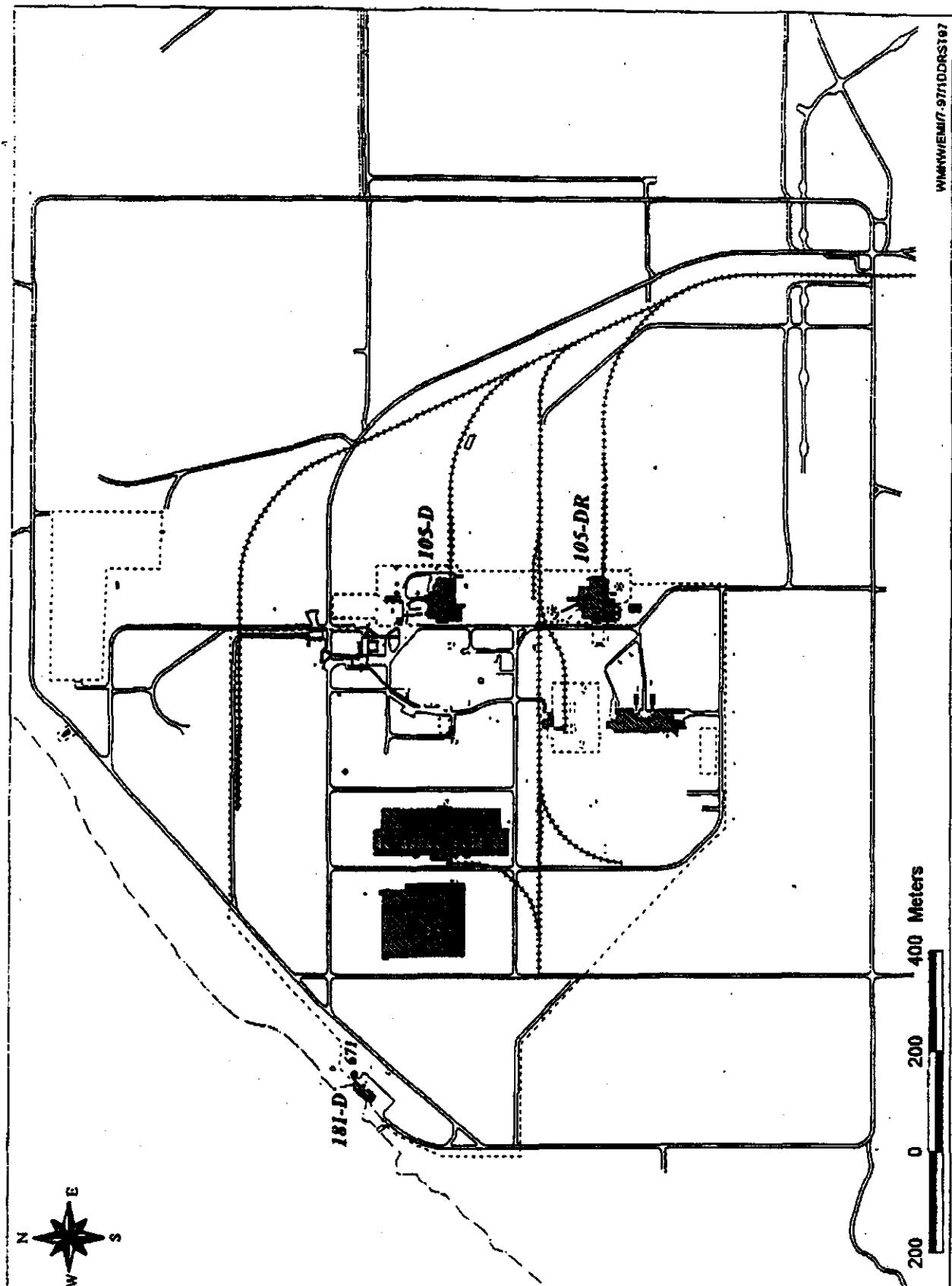
100-B/C Area



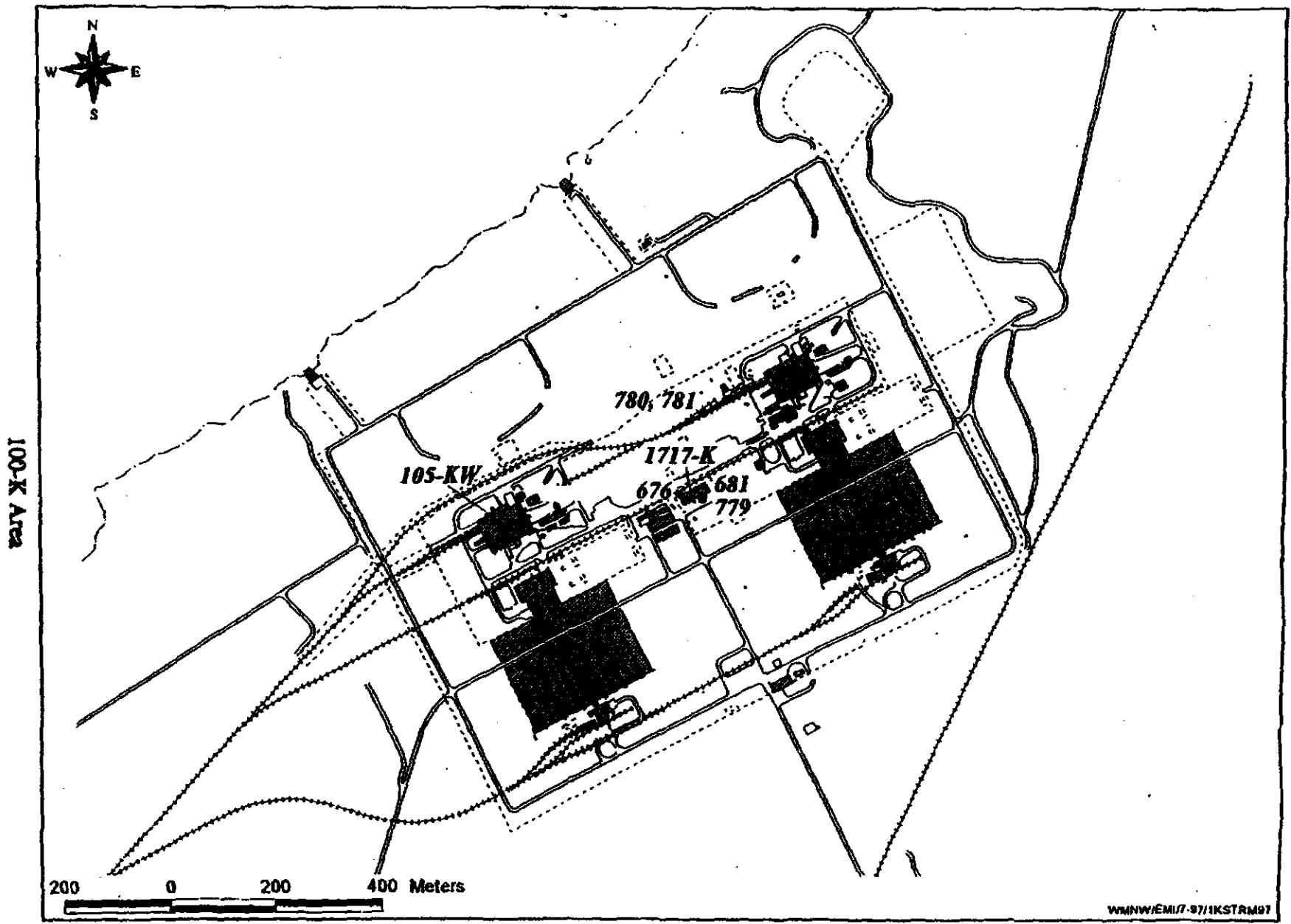
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WHC/WFMS-B/C STRM



100-D Area



DOE/RL-95-82, Rev. 2
09/97

100-N Area



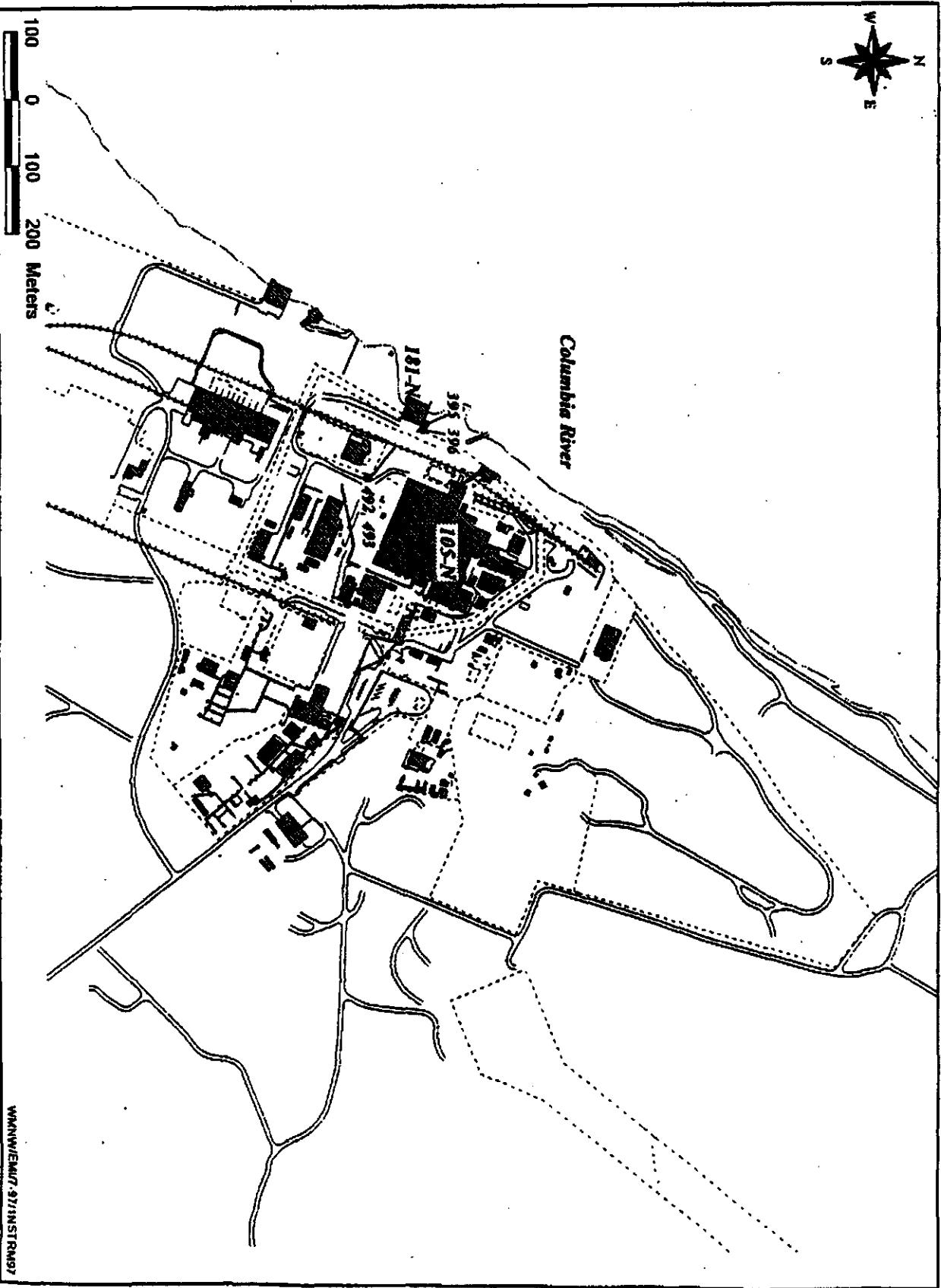
100
0
100
200 Meters

Columbia River

101-N

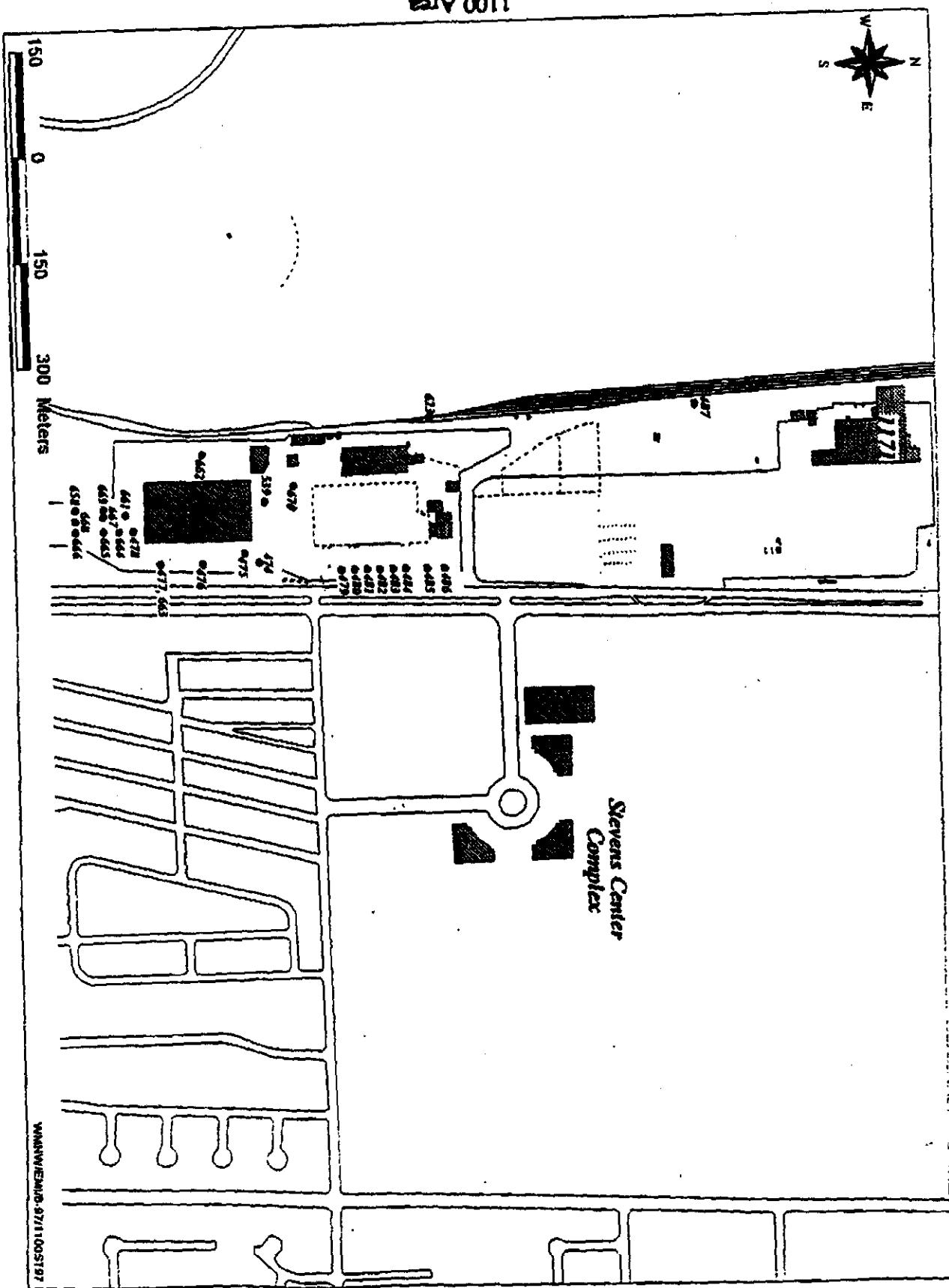
395
396

102-NS
103



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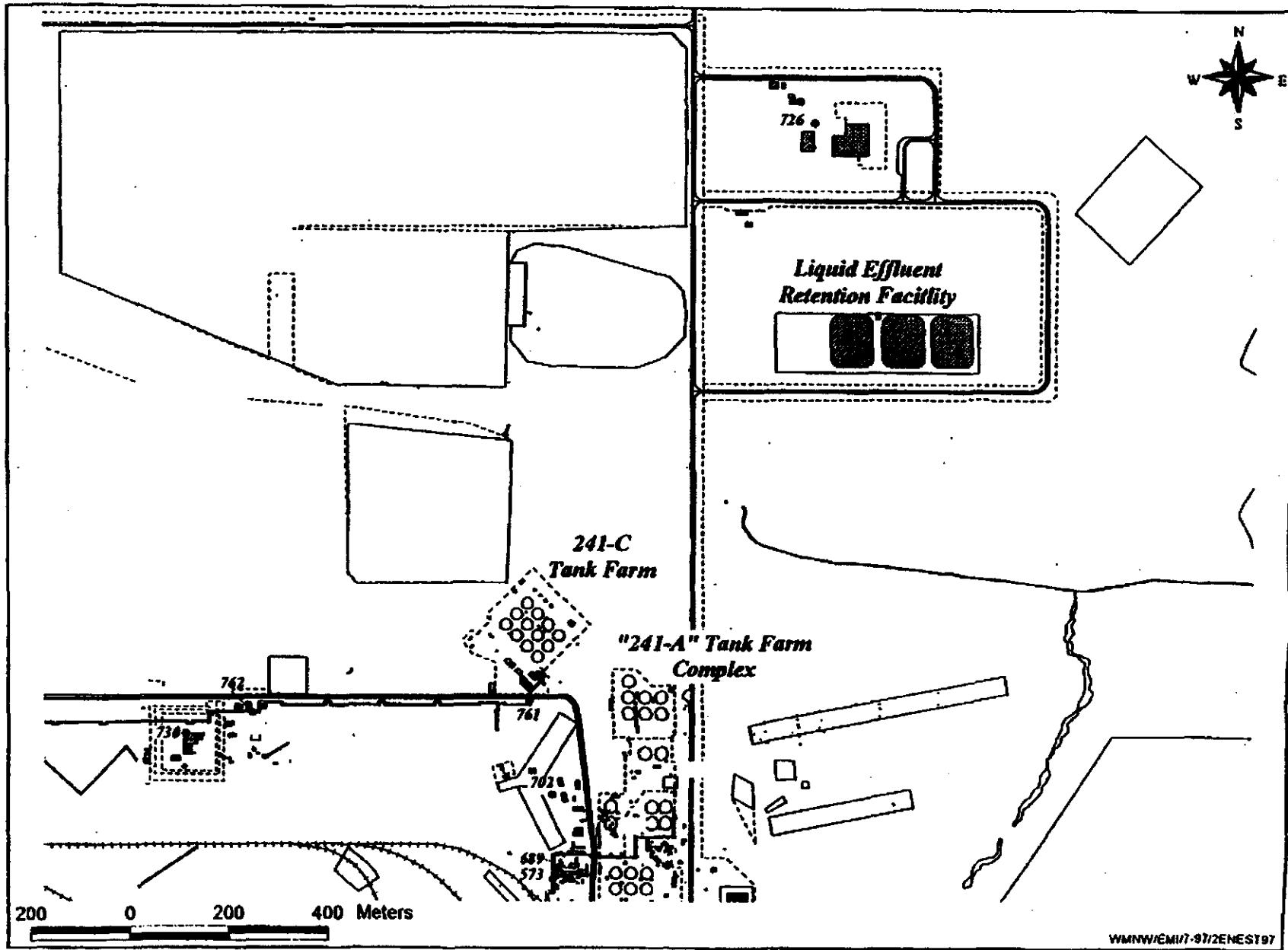
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DOE/RL-95-82, Rev. 2



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DOE/RL-95-82, Rev. 2

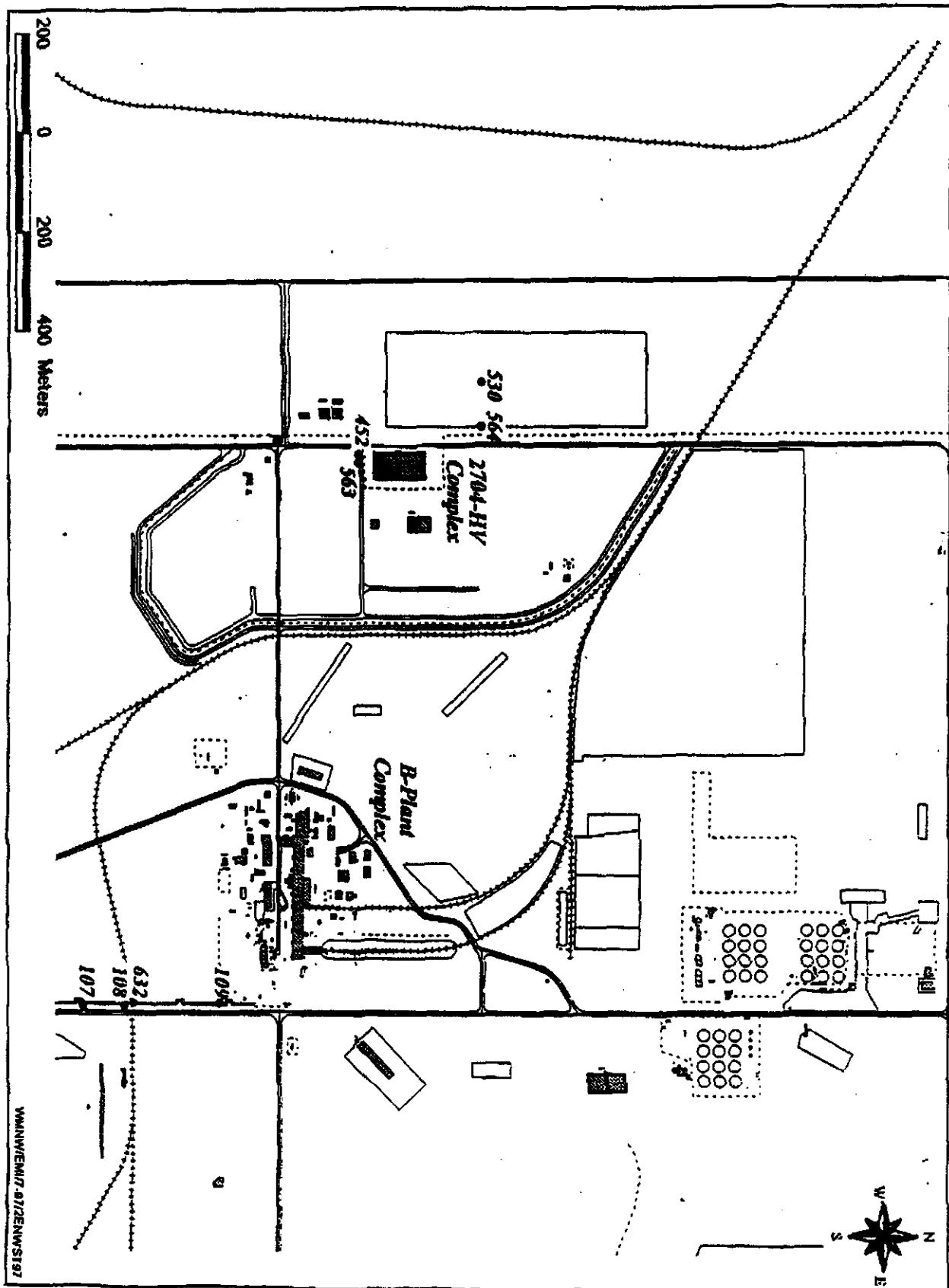
200 East (Northeast Quadrant)



WMNW/EMI/7-97/2ENEST97

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09/97

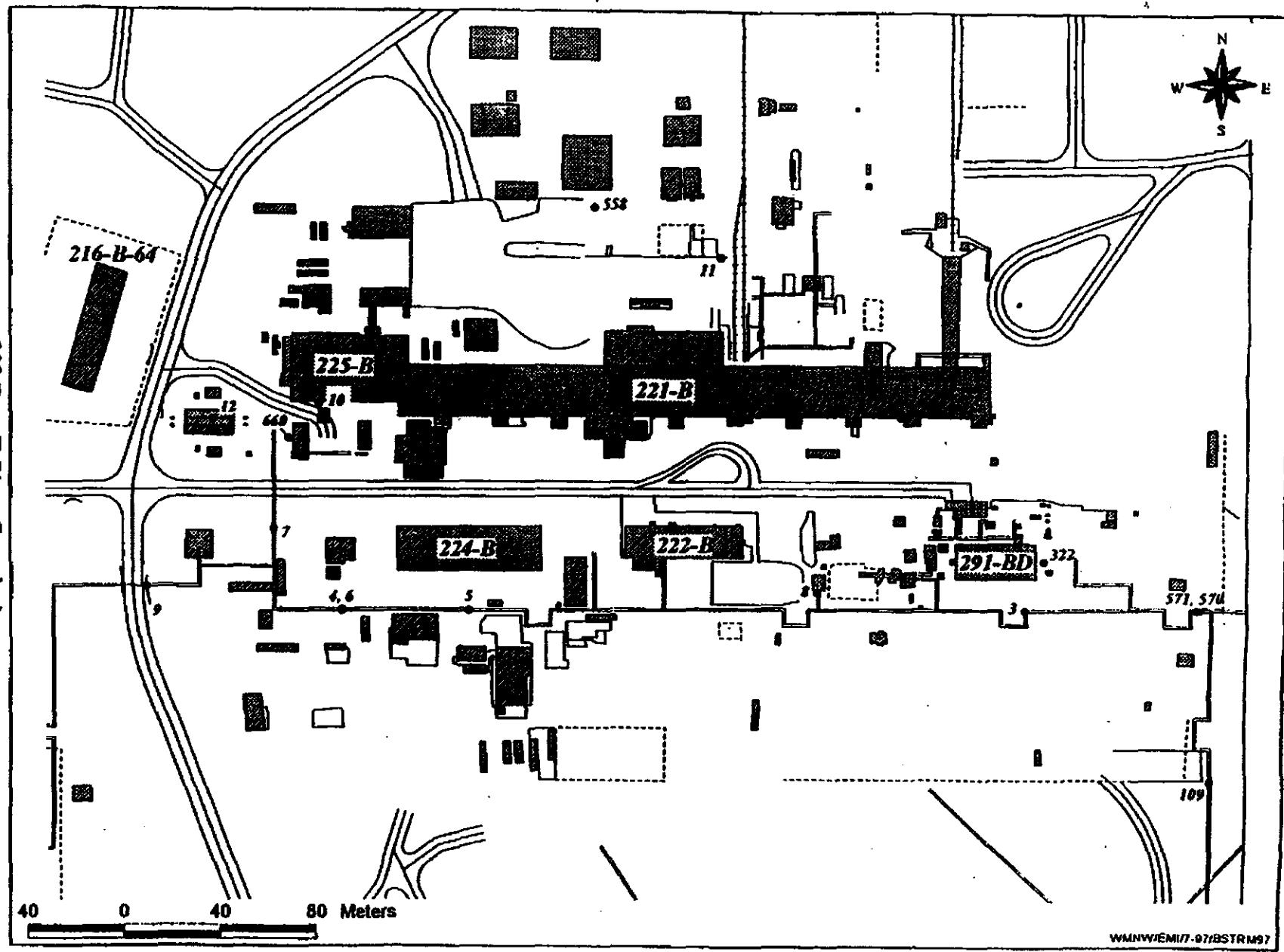
200 East Northwest Quadrant

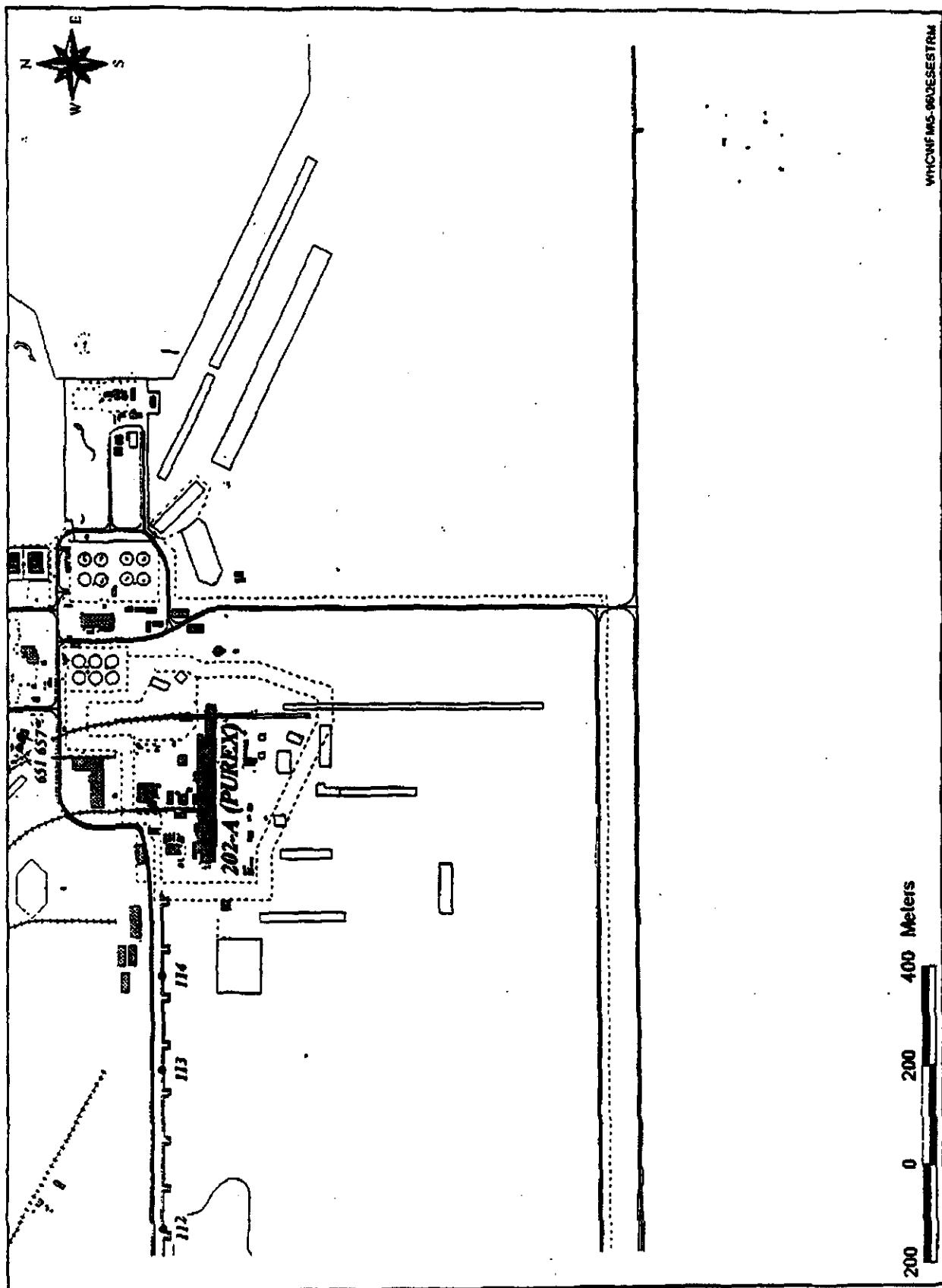


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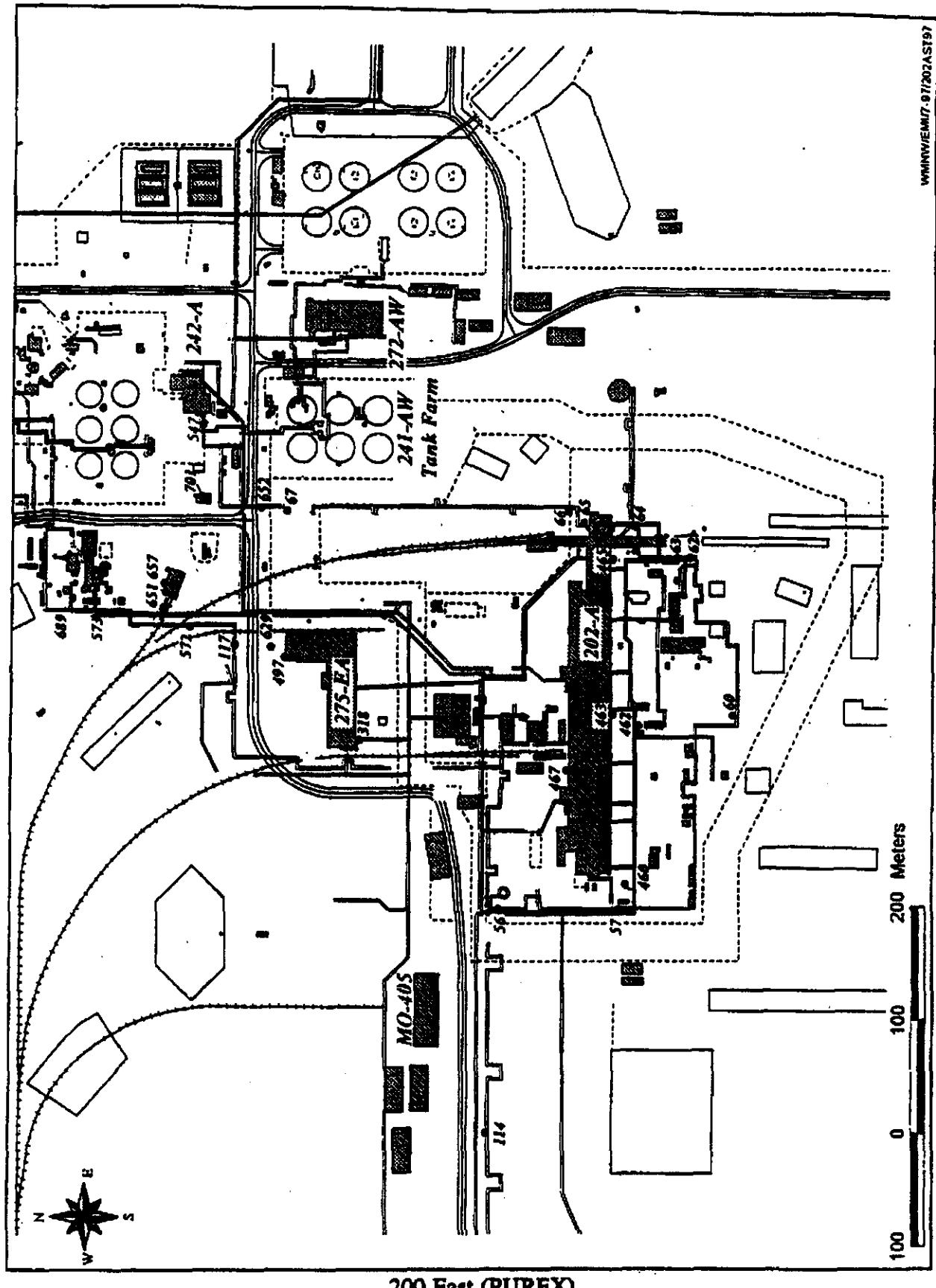
200 East (B Plant Complex)



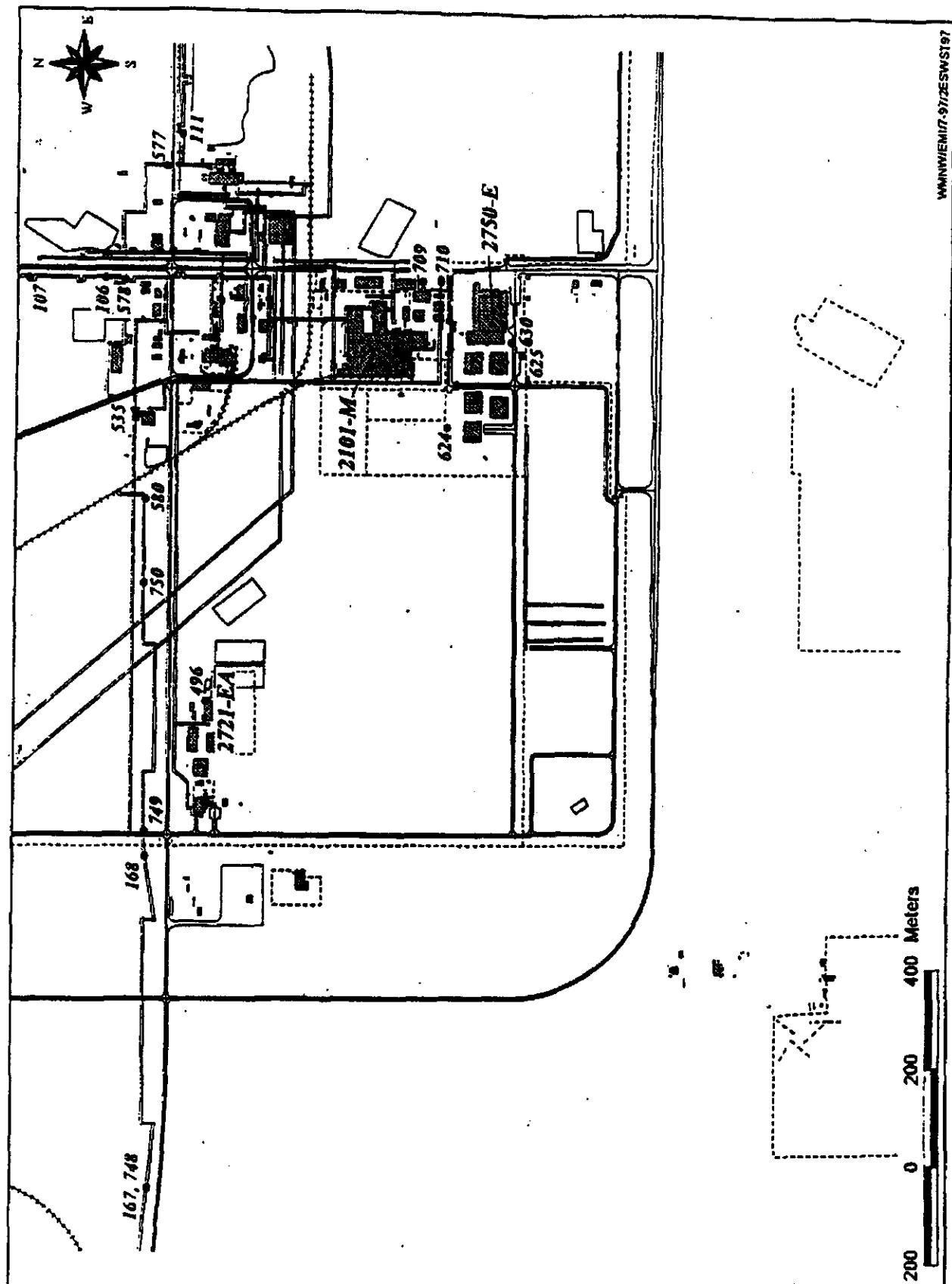


200 East (Southeast Quadrant)

WHINNEMM17-97/202AST97

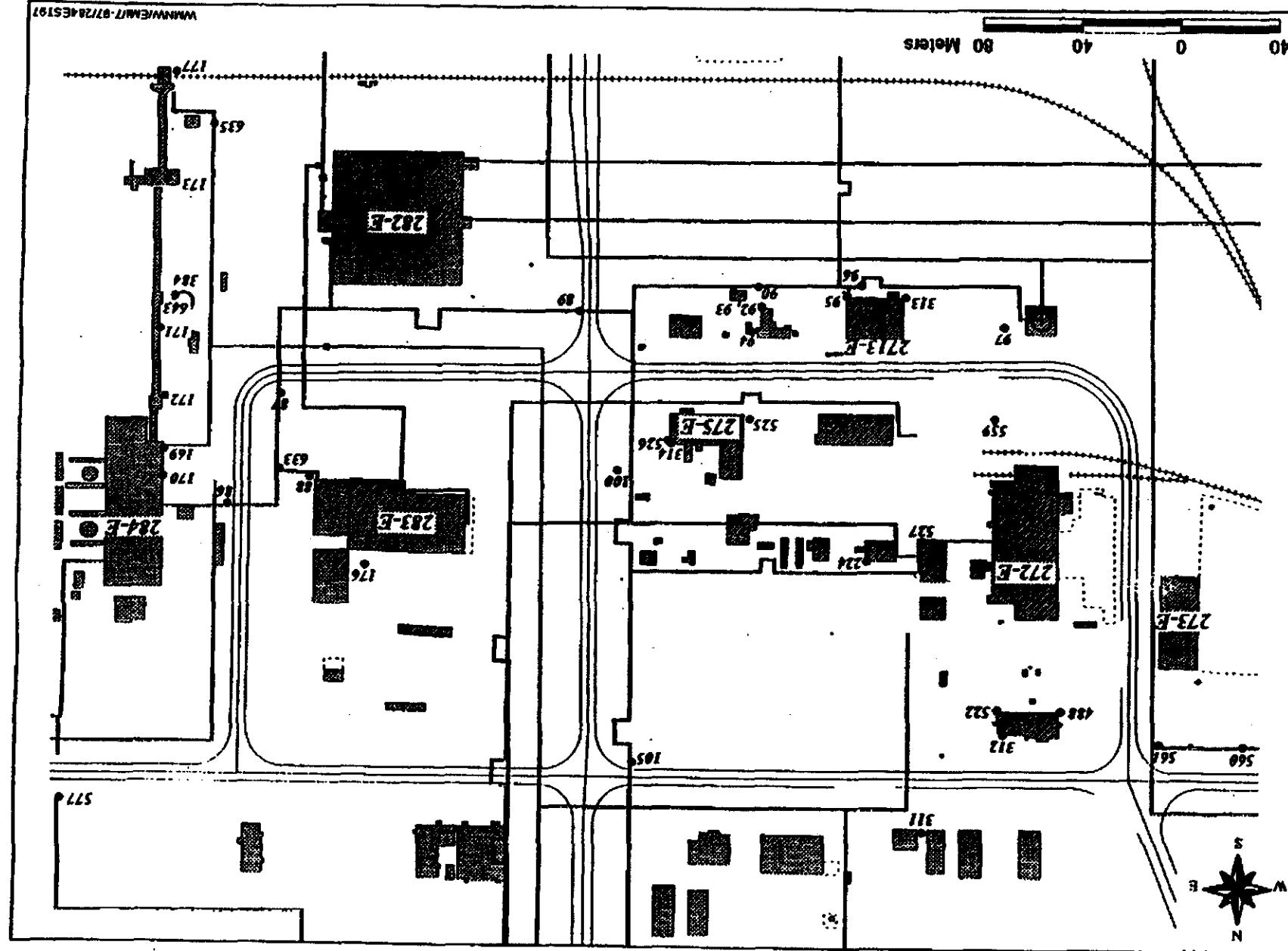


200 East (PUREX)

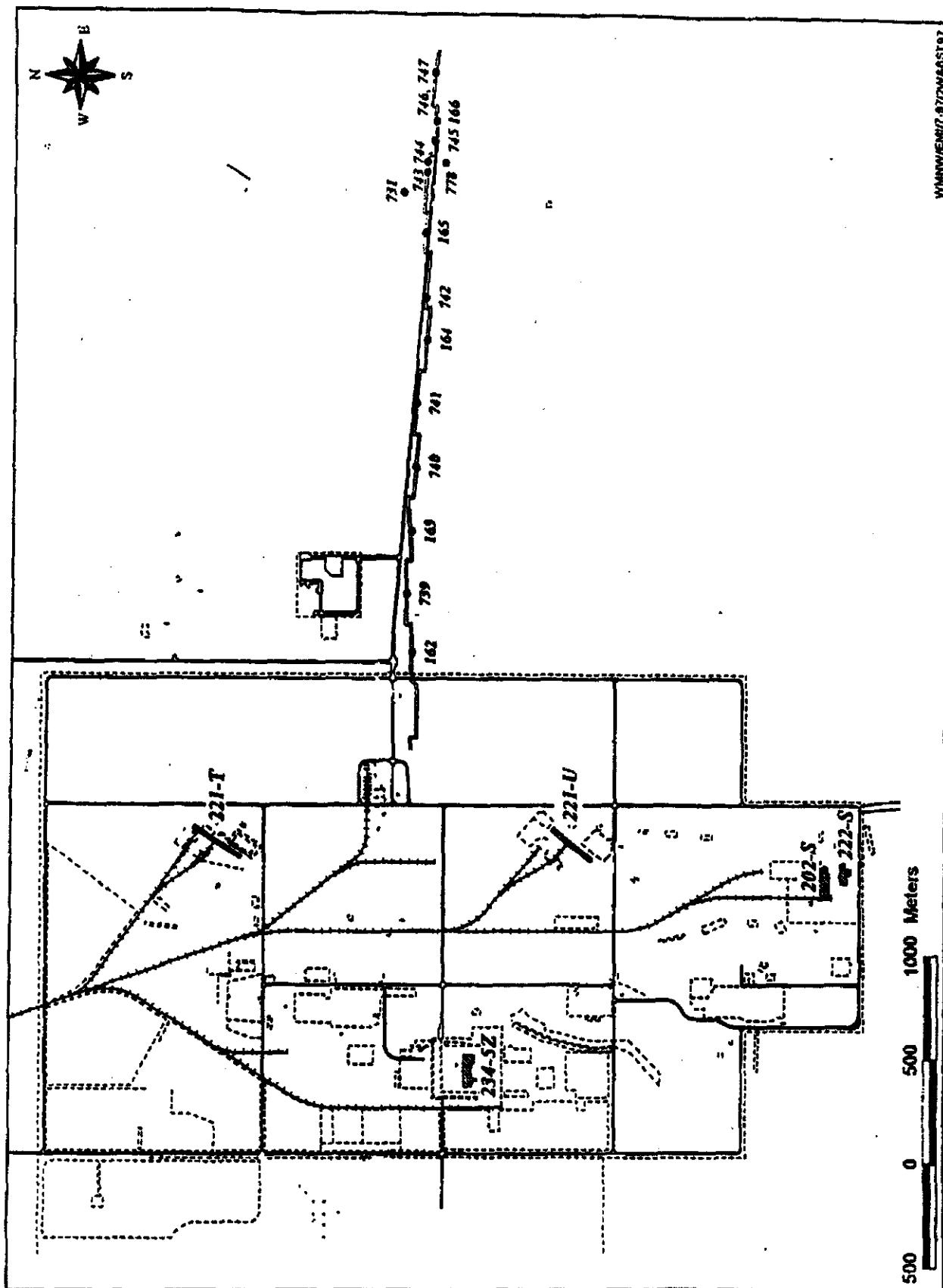


200 East (Southwest Quadrant)

MINNEMAN - Q7/284EST97

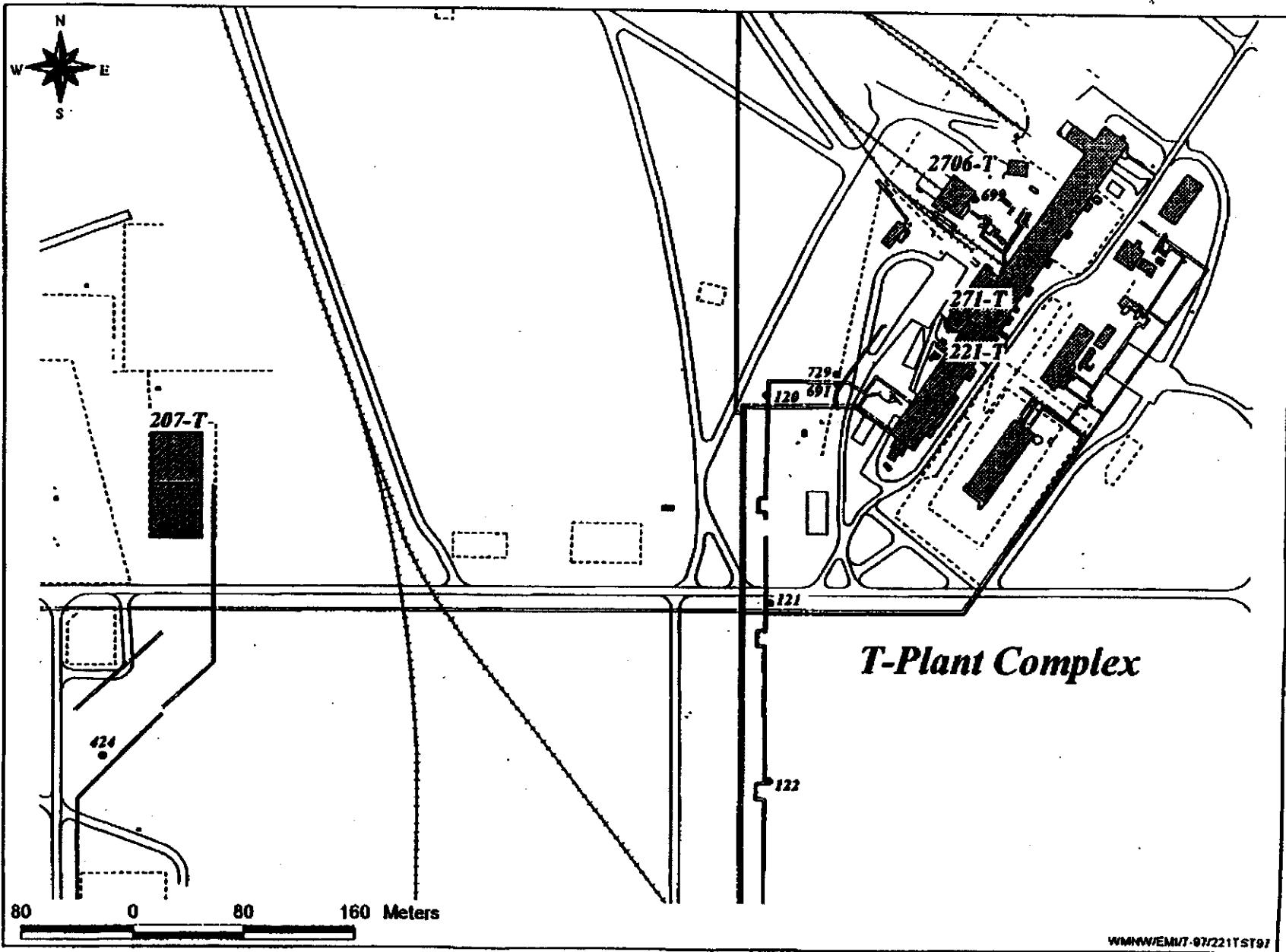


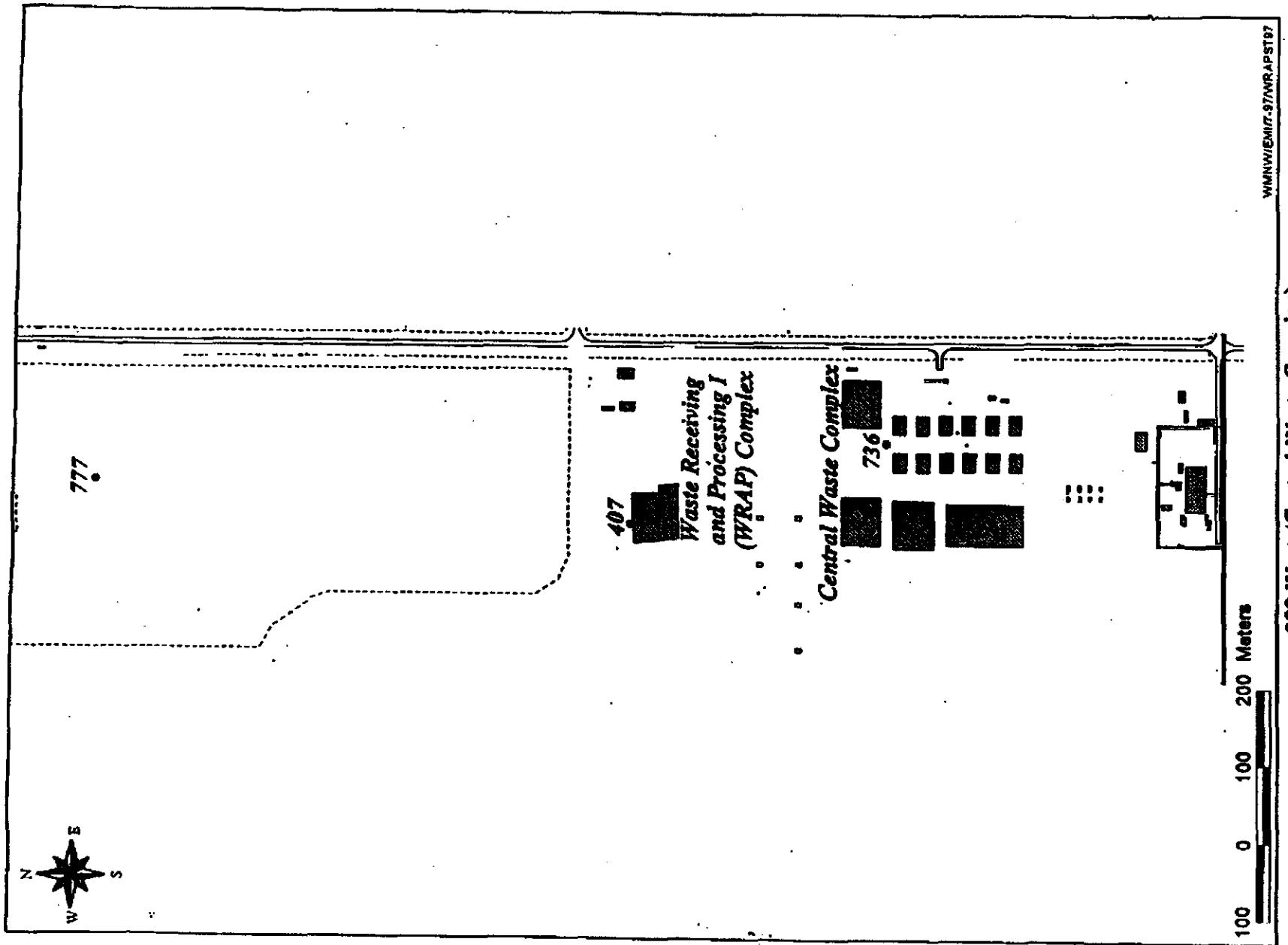
200 East (Powerhouse and Maintenance Area)

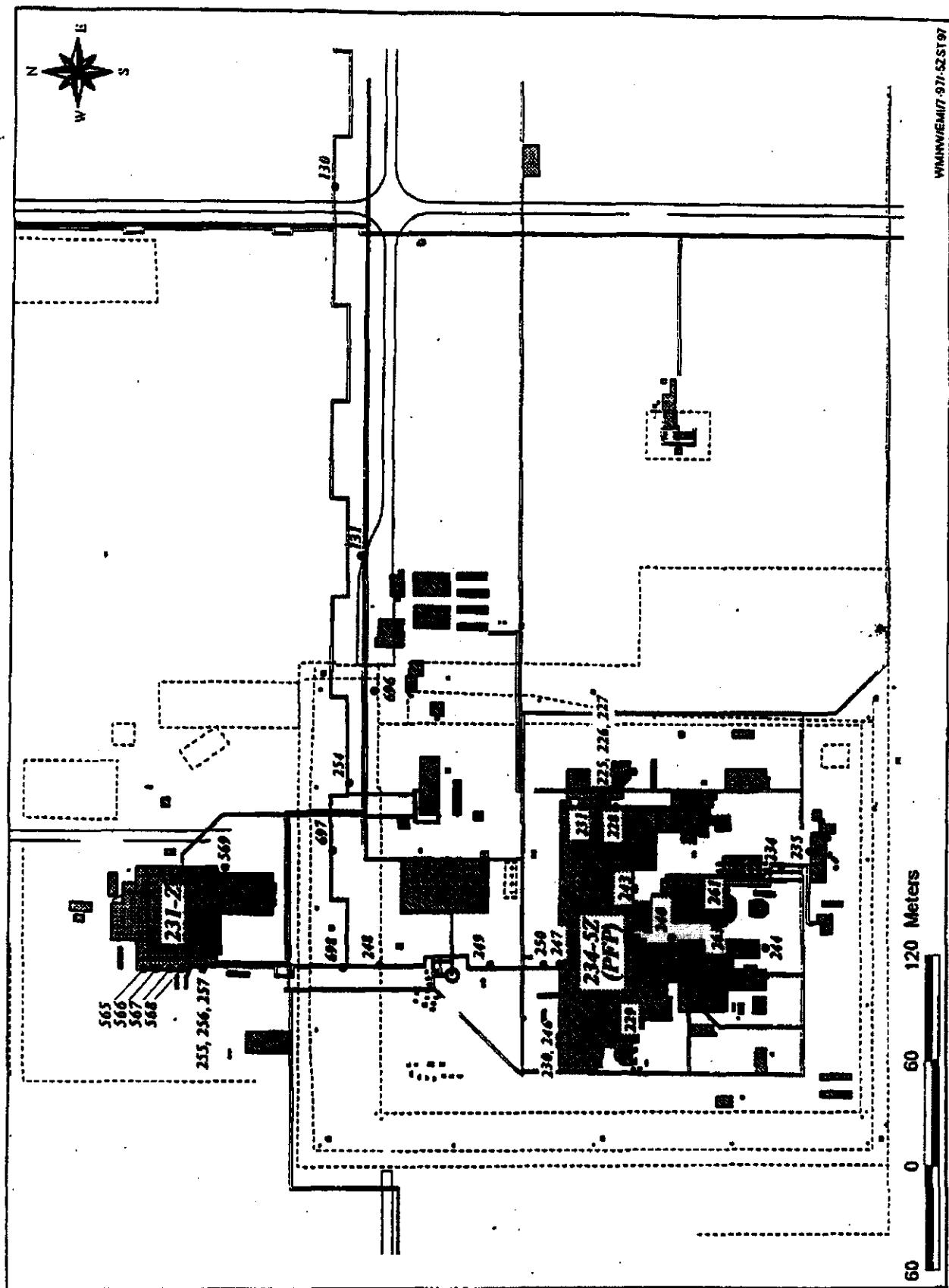


200 West (Cross Site Transfer Line)

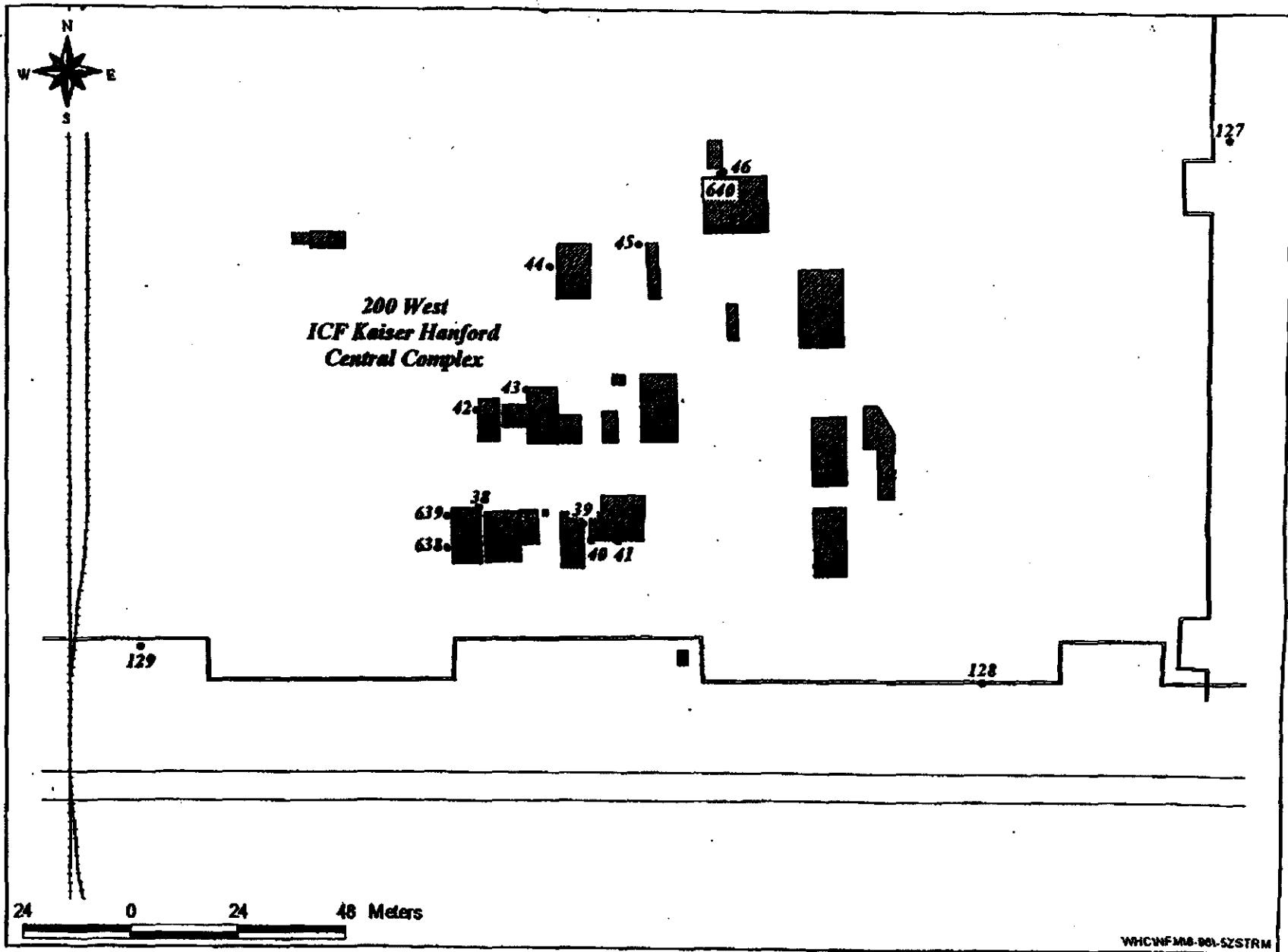
200 West (T-Plant Complex)



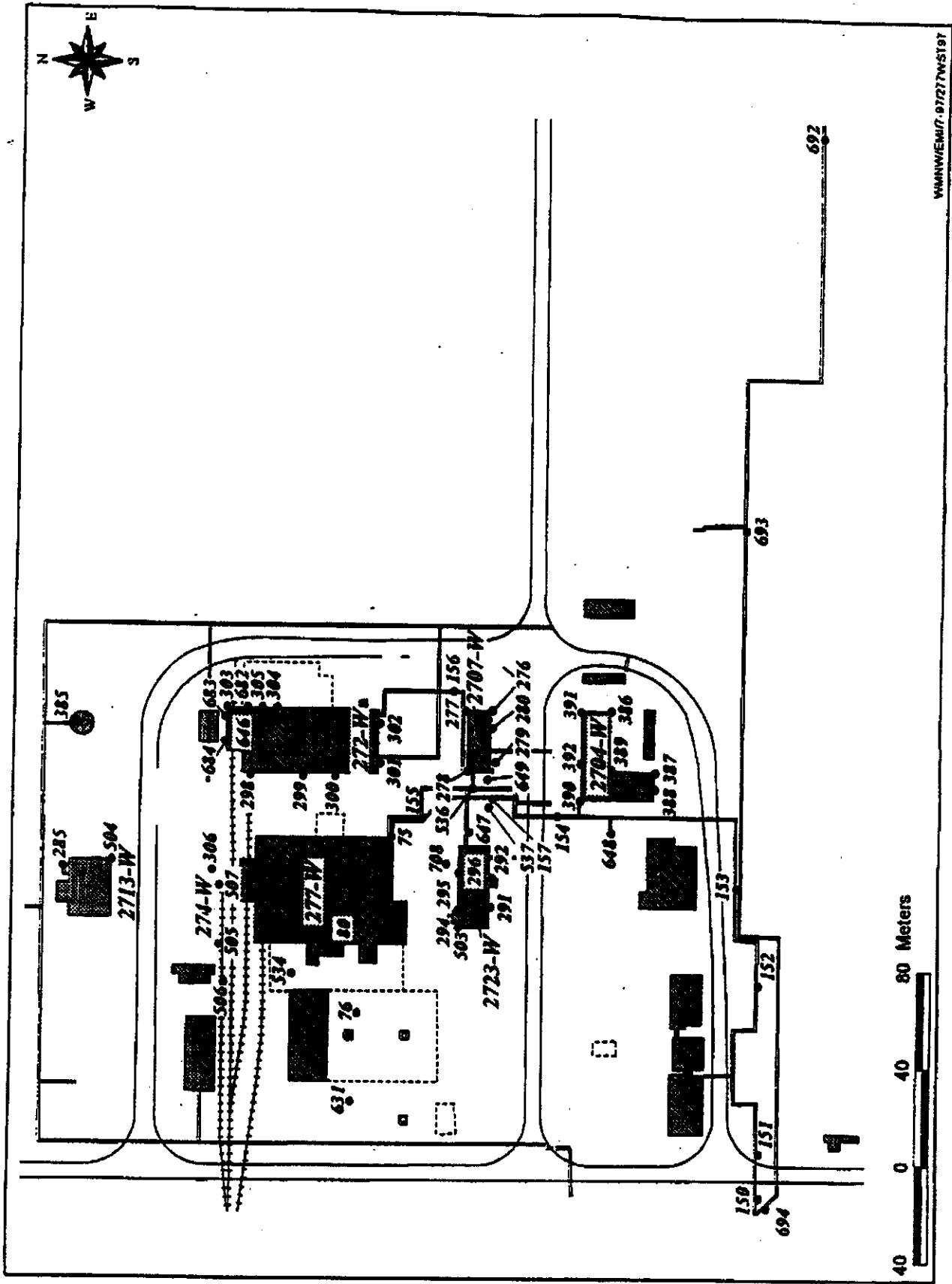




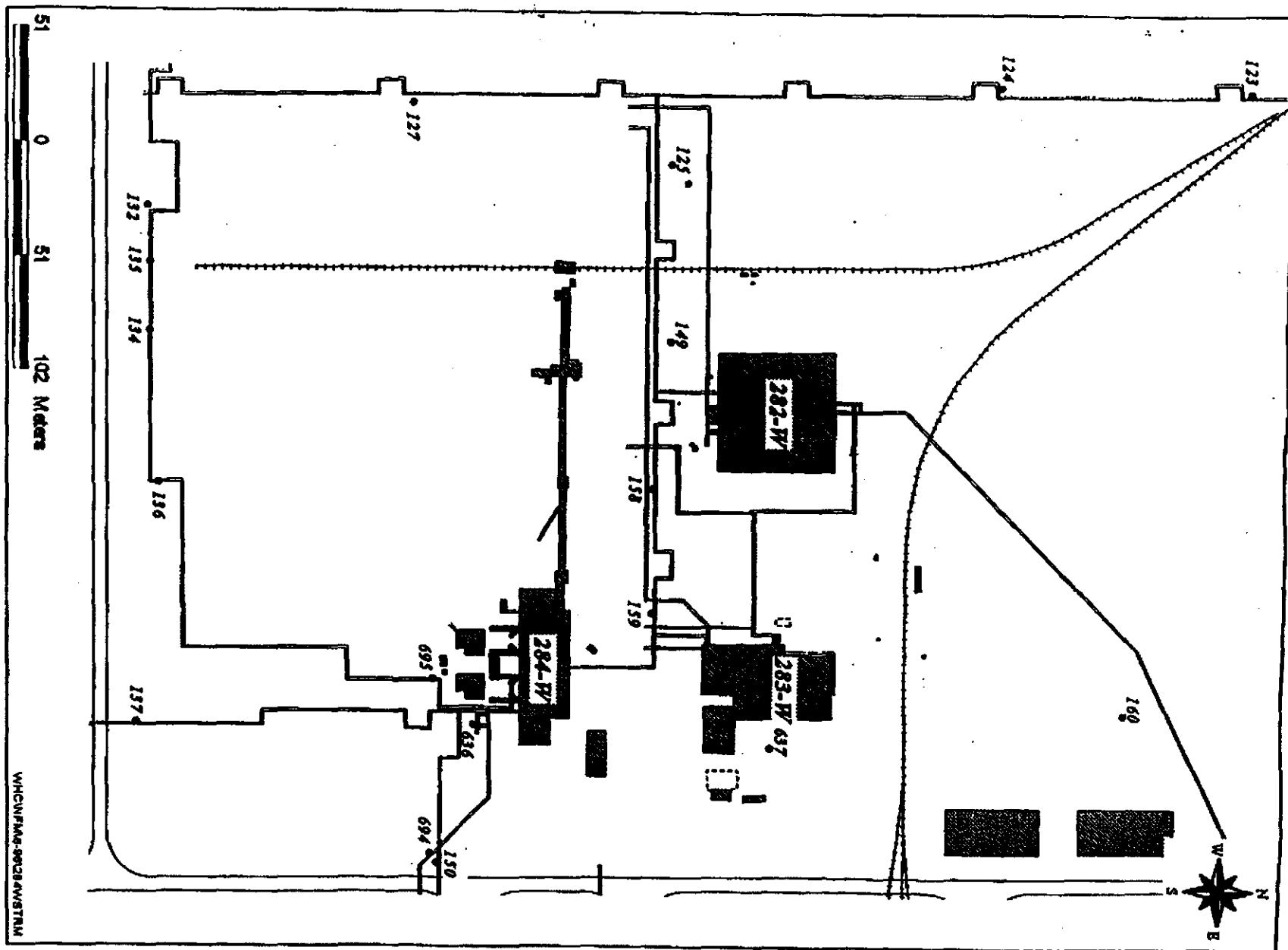
200 West (Plutonium Finishing Plant)

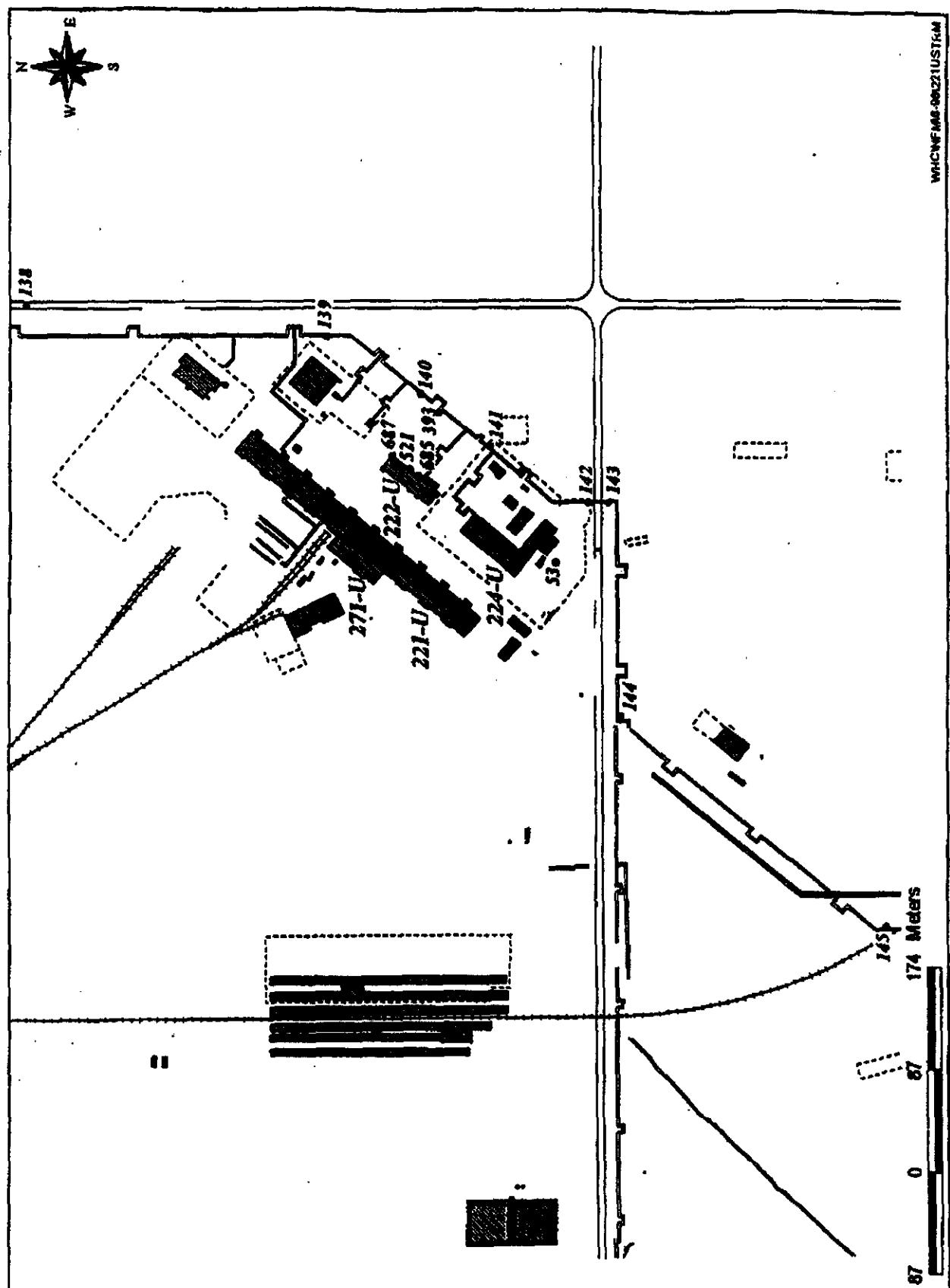


200 West (Fluor Daniel Northwest Central Construction Complex)



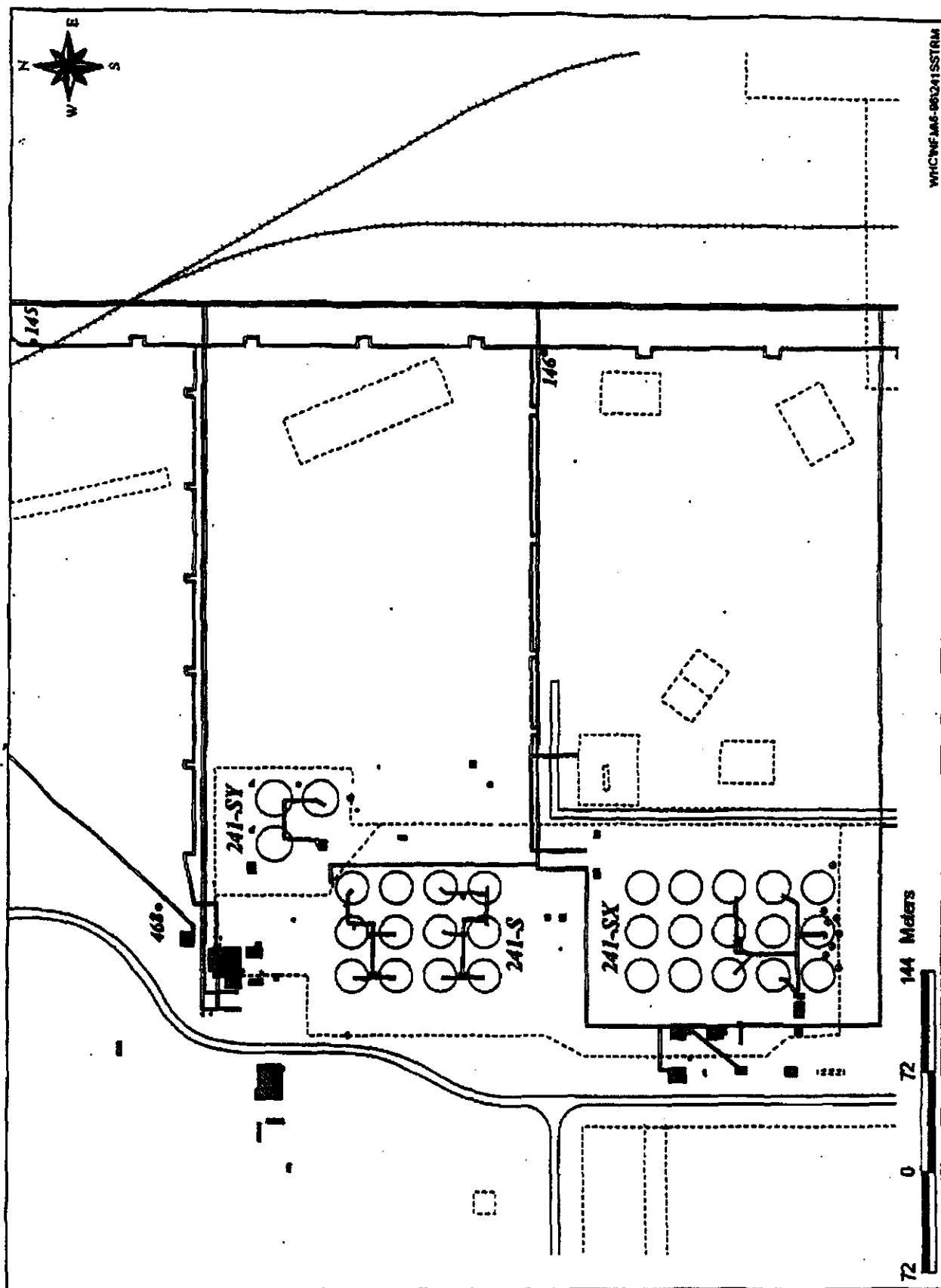
200 West (Powerhouse Area)



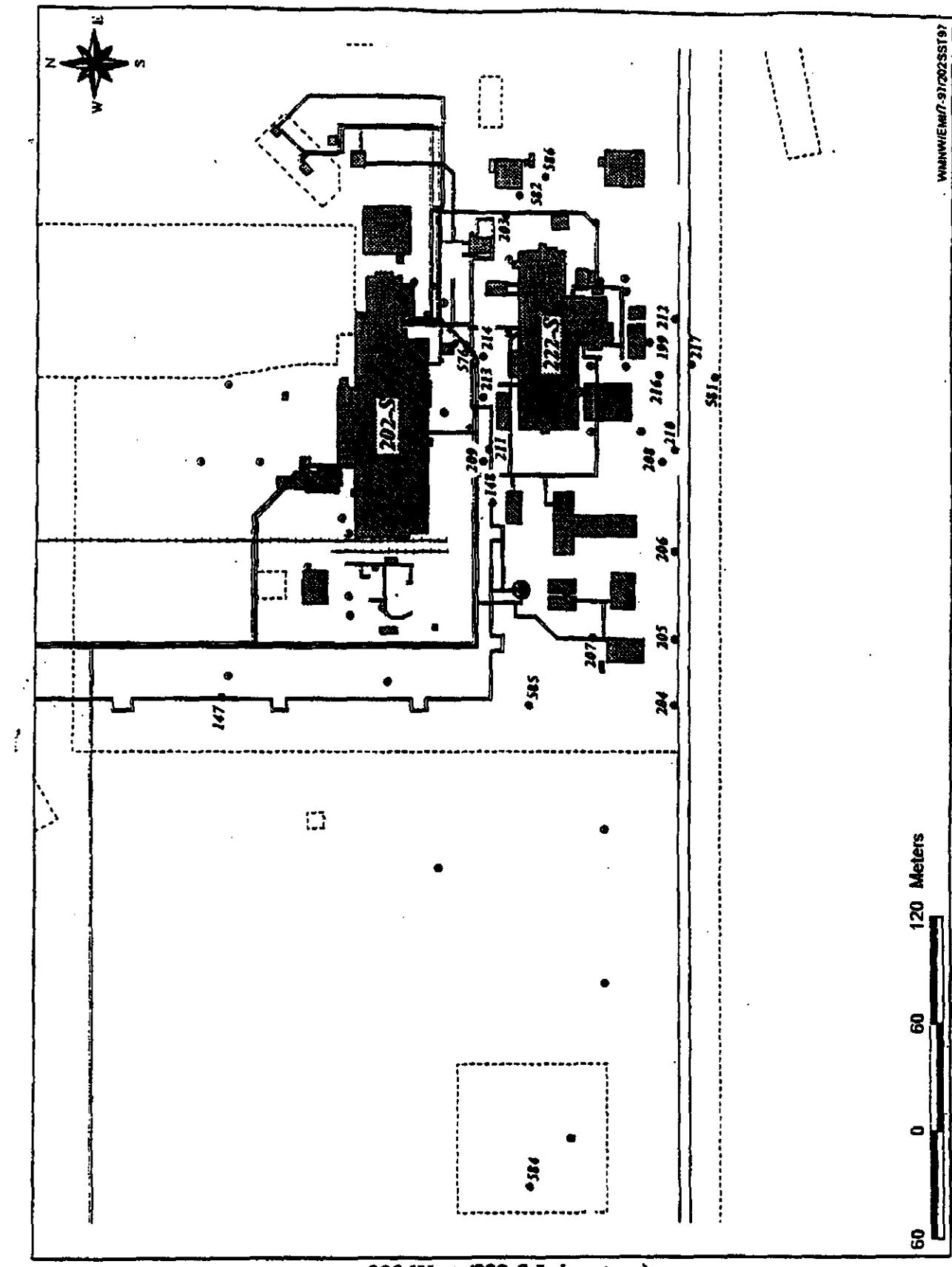


200 West (U-Plant)

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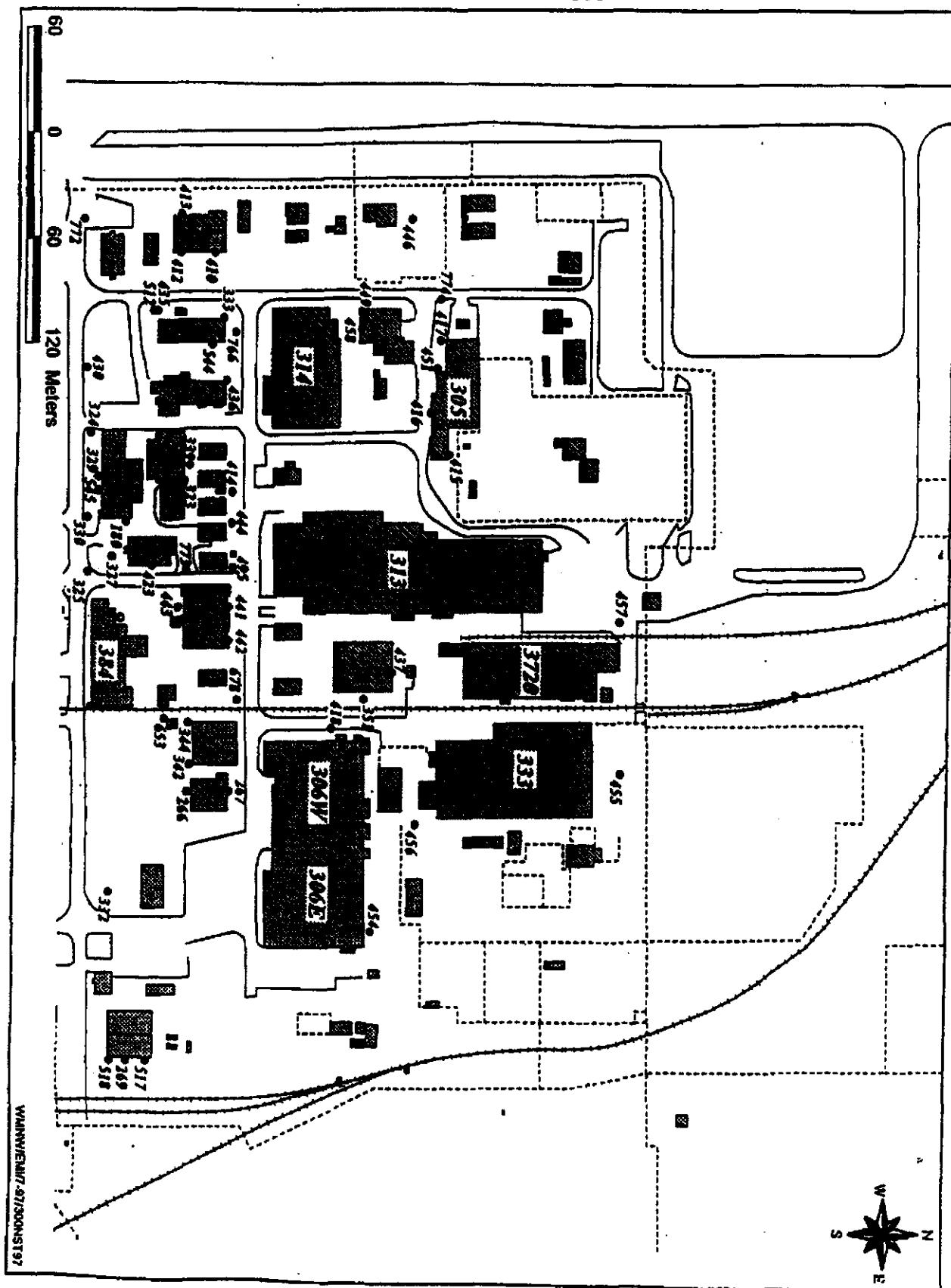


200 West (S-Tank Farm Complex)



200 West (222-S Laboratory)

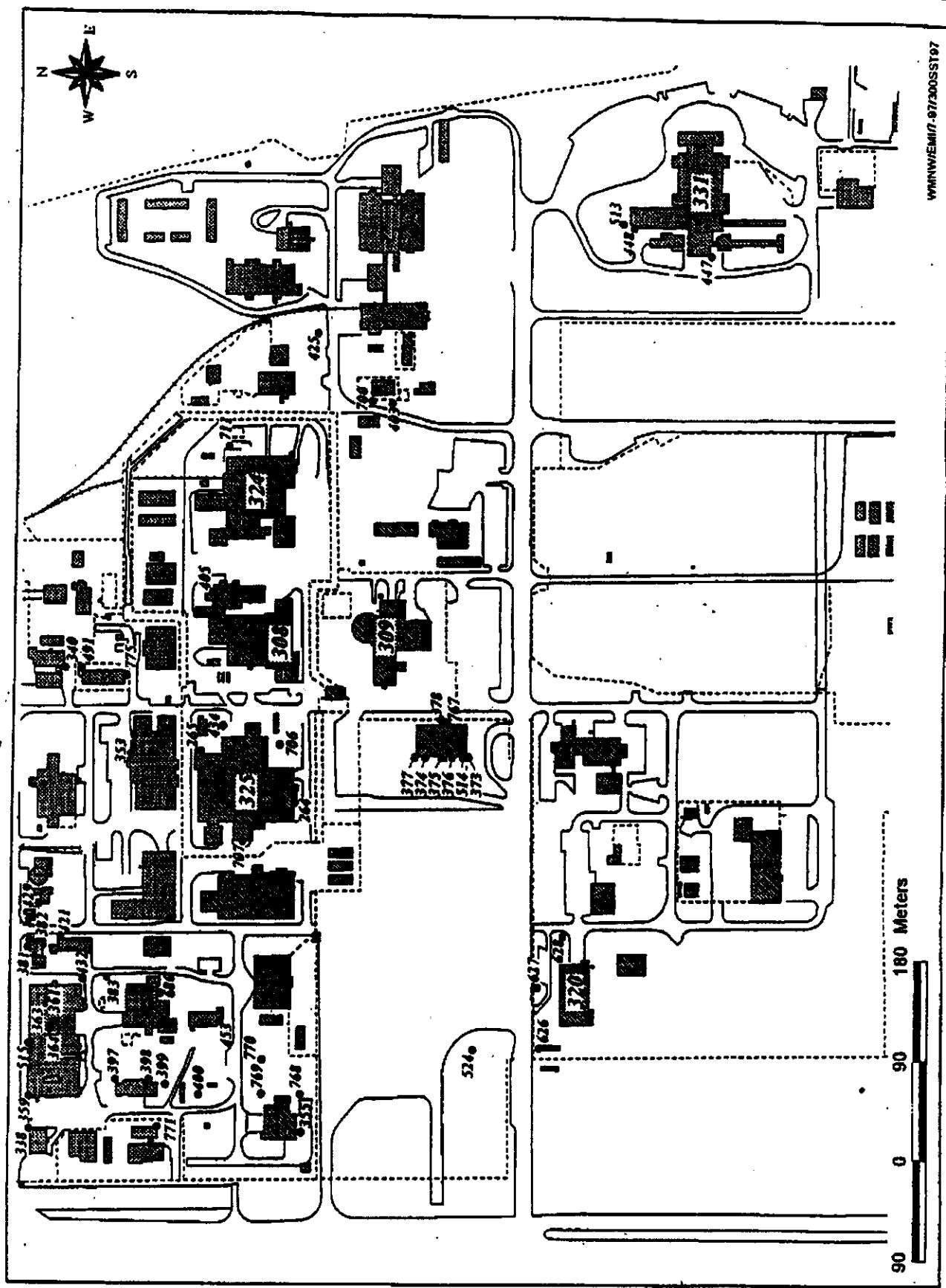
300 Area (North Quadrant)

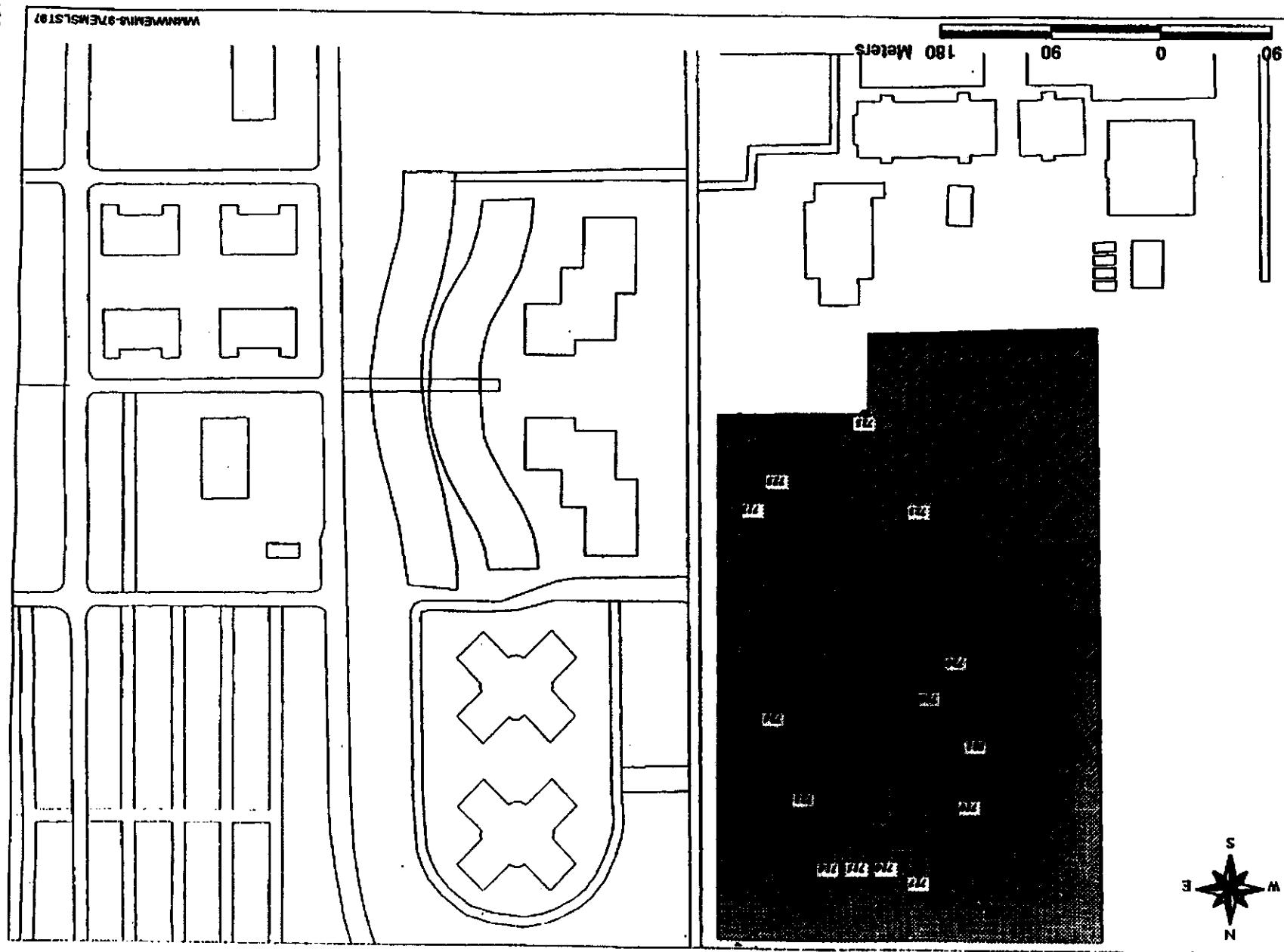


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300 Area (Environmental Molecular Sciences Laboratory)

